Manitoba

Annual Report 1989 - 90

The Universities Grants Commission

For the period ending March 31, 1990

91-05358/

UGC UNIVERSITIES GRANTS COMMISSION

July 31, 1990

The Honourable Len Derkach
Minister of Education
Room 168
Legislative Building
Winnipeg, Manitoba
R3C OV8

Dear Mr. Derkach:

I have the honour to submit herewith the annual report of the Universities Grants Commission for the year ended March 31, 1990. It is based on the inquiries, consultations and studies undertaken by the Commission during the year and sets forth the operations of the Commission for the fiscal year. An audited balance sheet and an audited statement of the Commission's operating revenues and expenditures are appended.

Respectfully submitted,

Lou Melosky
Chairman

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CHAPTER I

THE UNIVERSITIES GRANTS COMMISSION

The Universities Grants Commission was established by an Act of the Legislature passed in 1967 and is composed of nine members appointed by the Lieutenant-Governor-in-Council.

The Commission advises the Minister on the amount of financial assistance, operating and capital, which should be provided to the universities by the government. The Commission then is responsible for allocating the funds received from the government to the universities.

The Commission must review and provide written approval for any new or expanded service, facility or program of studies involving moneys at the disposal of the Commission before it may be undertaken and implemented by a university.

The Commission studies the need for post-secondary university education in the province in terms of kind, quality and quantity, and the capacity of the universities to provide it. The Commission must also ensure that post-secondary university education is available to the citizens of Manitoba without waste or unnecessary duplication.

MEMBERS OF THE UNIVERSITIES GRANTS COMMISSION

Mr. John Wiens	-	Chairman (to July 31, 1989)
Dr. Louis Melosky	-	Chairman (as at July 31, 1989)
Mr. Raymond Lafond	-	Vice-Chairman
Dr. Martin Samoiloff	-	Winnipeg
Ms Beth Simkin	-	Winnipeg (to July 31, 1989)
Ms Sharon McLaughlin	-	Winnipeg (to July 31, 1989)
Ms Laara Fitznor	-	Winnipeg
Ms Eleanor Cristall	-	Brandon (to July 31, 1989)
Ms Bennetta Benson	-	Winnipeg (to July 31, 1989)
Mr. William Potter	-	Winnipeg (to July 31, 1989)
Ms Sybil Dressler	-	Brandon (as at July 31, 1989)
Mr. Lorne Jordan	-	Portage la Prairie (as at July 31, 1989)
Ms Linda MacNair	-	Graysville (as at July 31, 1989)
Mr. Robert Hanson	-	Winnipeg (as at July 31, 1989)
Mr. Gene Kinaschuk	-	Winnipeg (as at July 31, 1989)

STAFF OF THE UNIVERSITIES GRANTS COMMISSION

Executive Director	-	Dr. Benjamin Levin (to July 31, 1989)
	-	Dr. Leo Le Tourneau (as at July 31, 1989)
Commission Secretary	-	R. Waverley Simpson, F.C.I.S., P.Adm.
Financial Officer	-	Allan D. Goldstine, C.A.
Secretarial and Clerical	-	Joyce Bird
	-	Kathleen Froese Klassen (retired October 31, 1989)
	-	Sandra Dangerfield (as at December 11, 1989)

CHAPTER II

COMMISSION HIGHLIGHTS, 1989-90

The goals of the Universities Grants Commission are:

1. To maintain a view of university education, its needs and development which encompasses the Province as a whole.
2. To maintain, and to encourage in the universities and in government, a long-term, planned approach to university education.
3. To recommend to the government appropriate funding levels for Manitoba's universities.
4. To allocate and pay out to the universities a pool of funds provided for university education by the government.
5. To advise the Minister of Education and the government on issues related to university education.

The Commission experienced significant changes in 1989/90. Six new members were named by government. In addition, a new Executive Director started in July, 1989.

The Commission adopted five major objectives for the year. Following is a brief review of achievements in relation to each objective.

Objective #1. Work with the universities and government to examine and develop long-term approaches to issues which are of strategic importance to the university sector.

- The Commission continued its work in addressing issues of accessibility through the vehicle of the Access Fund.

- The Commission had extensive discussions with government on the possible development of a long-term capital plan for the universities.

- The Commission held discussions on the future development of a higher education telecommunication network.

Objective #2. Increase the level of inter-university cooperation.

- The Commission monitored progress of the Blanar Report - a report commissioned to examine university cooperation in the province.

- The Commission participated in the development of the Manitoba/ Minnesota Agreement on Post-Secondary Education. The Agreement is intended to foster cooperative arrangements between the two jurisdictions at both the university and community college levels.

- The Commission participated in the development of the First Year Via Distance Education (FYDE) - an experiment which provides first year university education in Arts and Science to students at five sites in more remote regions of the province. During this fiscal year the Commission provided $250,000 to the universities and IUN for course development and implementation.

- The Chair of the Commission met with COPUM (Committee of Presidents of Universities in Manitoba) to discuss issues critical to university education in the province including the FYDE program and IUN.

Objective #3. Manage and pay out the funds available in 1989-90, and deal with other university funding issues which may arise.

- The Commission allocated and paid out to universities the pool of funds made available by government, as described in Appendix "E".

- The Commission approved the uses of the Universities Development Fund monies for 1989/90.

- The Commission approved several projects which were supported from the Access Fund, as described in Appendix "E".

- The Commission approved additional funding for several new programs including, the Child Care Concentration at the University of Manitoba, the Administrative Studies Major at Brandon University and, the four-year science program at Collège universitaire de Saint-Boniface.

Objective #4. Make recommendations to the government on an appropriate approach to funding universities for 1989-90 and subsequent years.

- Further refinements were made to the Commission's estimates process and submission format to ensure that all the various elements of university needs and issues were captured.

- The Commission took forward to the Minister, in September 1989, a complete set of recommendations on operating and capital funding, and on general policy towards universities.

Objective #5. Provide advice to the Minister on major issues as required.

- The Commission provided advice to the Minister on appropriate policy and funding for universities.

- The Commission provided comments to the Minister on the role of Inter-Universities North and desirable changes related to better coordination of post-secondary education in the north.

CHAPTER III

PROGRAMS

A responsibility of the Commission is to ensure that the development of new programs occurs in a way which avoids unnecessary duplication and is supportable within the limits of the financial resources available.

Section 16 (1) of the Universities Grants Commission Act stipulates that: "Before a university or college

(a) establishes, offers, provides, or creates, any new service, or program of studies; or

(b) extends or expands any service, facility, or program of studies; involving monies at the disposal of the commission, it shall obtain the approval of the commission in writing to do so."

In Appendix "A" there is a listing of the areas of studies at the universities and colleges in Manitoba. Information regarding activities carried on in the various disciplines is to be found in the annual reports issued by the institutions.

Program Advisory Committee

The institutions are required to submit a "Letter of Intent" for each new or revised program by;

- September 1st of the academic year prior to intended implementation, if additional funding is not required from the Commission.

- November 1st, two years preceding the year of intended implementation if additional funding is required from the Commission.

Each Letter of Intent is reviewed by the Commission and, if approved, the institution concerned is authorized to submit a formal proposal. These proposals must be received by:

- December 1st, if no additional Commission funding is required and if they are to be implemented the following September.

- February 1st, if additional Commission funding is required and if it is intended to implement the program in the regular session of the next calendar year.

The Programs Advisory Committee submits every Formal Proposal to the other institutions for comment.

When the comments from the other institutions have been reviewed the Committee may determine that further information or clarification is needed, or that hearings should be held. Upon completion of the program review the Committee submits its recommendations to the Commission.

During the year under review, the Commission received the following Letters of Intent:

University of Manitoba

(a) General Major - Drama
(b) Advanced Major - Drama
(c) Advanced Major - Greek
(d) Advanced Major - Latin
(e) Master of Accountancy

The Commission authorized the University of Manitoba to proceed with the development of formal proposals.

For 1989-90 the Program Advisory Committee consisted of the following Commission members:

To July 31, 1989
Mr. John Wiens - Chairman
Mr. Raymond Lafond
Ms Beth Simkin

As at December 4, 1989
Mr. Raymond Lafond - Chairman
Mr. Gene Kinaschuk
Ms. Sybil Dressler

Programs Approved

The Commission approved the following programs prior to year end, and unless otherwise indicated all programs were approved subject to the condition that any and all funding required be provided by the universities from within existing resources.

University of Manitoba

(a) Masters of Science - Applied Mathematics

A departmentally based program leading to a Master of Science in Applied Mathematics, the areas of specialization that would be offered include asymptotics and special functions, ordinary and partial differential equations, matrix computation, numerical analysis and wave propagation. It is intended the program will enable students, who have developed and nurtured interests in the subject to continue their interests at the graduate level. Anticipated size of enrolment is relatively small with approximately four students a year being admitted. The proposal was supported by letters from several Science departments, as well as departments from the Faculty of Engineering and the Science Library.

(b) Master of Arts and Doctor of Philosophy Programs in Linguistics

The proposal was for the formal re-establishment of M.A./Ph.D. studies in Linguistics, following the recent establishment of the Department of Linguistics as a department separate from Anthropology. Areas of study would include theoretical, methodological and practical studies, with emphasis on field/experimental research and special attention given to the languages of Rupertsland. Preliminary enrolment in the programs will be modest with one student being admitted to the Master's program and two to the Ph.D. program. The proposal was accompanied by an external evaluation of the M.A. and Ph.D. program which fully supported the creation.

(c) Masters of Physical Therapy

The proposal for a Master of Physical Therapy (by thesis) is designed to address clinical questions in the practice of the profession. Concentration is in cardio-respiratory and neurology areas. Enrolment in the program would be a maximum of four students a year entering the program. In addition to several internal letters of support, the proposal was evaluated and supported by an external reviewer before submission to the Commission.

(d) Masters of Science and Ph.D. Programs in Community Health Sciences

The Masters of Science program is intended to offer core training in the basic sciences of epidemiology, biostatistics, health policy and administration, health evaluation and applied social and behaviourial approaches to health behaviour and health promotion. The Ph.D. program, and extension of the Master's would specialize in the areas

of northern health care research, health evaluation and health promotion. Preliminary enrolments for students entering the programs would be eight students per year for the Master's program, and two students per year for the Ph.D. program. Letters of support accompanying the proposals include those from governmental and professional organizations, unit heads and academic directors of related graduate programs, the Dean and Department Heads of the Faculty of Medicine, health-related faculty, and from departments teaching in related and complementary content areas.

Brandon University

(a) Master of Education

In the Fall of 1990, the Faculty of Education will initiate a Master of Education program. Although also attracting full-time students, the program is primarily designed to provide teachers and other educators with an opportunity to obtain the degree on a part-time basis. Educational administration, curriculum and instruction and foundations will be the area of concentration.

(b) Major in Business Administration

Beginning with the 1990-91 academic year, the University will be offering a major in Business Administration. Heavy student enrolments since the inception of the minor over a decade ago, have made the major a necessity. The major will be housed in the Faculty of Arts and will offer student concentrations in financial accounting, marketing and management.

New Program Review Process

The Universities Grants Commission developed a new program review process, after full discussion with the institutions. This new process was to be implemented on January 1, 1989. However due to some concern and confusion about how the new process was to work the process will be reviewed by the Commission staff and representatives of all the institutions in the 1990 fiscal year.

Purpose

The program review process has the following purposes:

1. To ensure that new program development is linked to a process of long-term program planning for each university.

2. To foster cooperation among the universities in program planning and implementation.

3. To give the universities advance notice of the views of the Universities Grants Commission on proposed program changes.

4. To ensure that decisions on resources are linked to program developments in an effective way.

1. Statements of intent on program direction

1.1 Each university prepares an annual statement indicating areas in which new programs are being considered. "New programs" means the development of a new degree, major, minor, interdisciplinary program, or equivalent. Changes in course titles, sequences, and the like, or updates in the content of particular courses or groups of courses are not considered new programs.

1.2 The statement is, in effect, one of intentions. It should indicate which areas are being considered

for major program changes. Listing of a program in the statement does not commit a university to proceeding in that area, nor would a university be bound to the particular description of the change given in the statement, although major changes in orientation would trigger further discussion as noted in 3.2 below.

1.3 The statement should list areas in which new programs are being considered or developed (including those described in statements of previous years). For those programs appearing in the statement for the first time (and therefore, in the first year, for all programs in the statement) there should be a brief and preliminary indication of the kind of change being considered and an indication of the approximate level of additional resources, if any, which would be requested from the UGC to implement the program.

1.4 Statements of intent are submitted to the Commission each year by the end of February, so that their implications can be made part of the Commission's budgetary proposals in the summer. The Commission recognizes that circumstances may require updates or changes during the year.

2. Review of statements of intent

2.1 The Commission will circulate each university's statement of intent to each of the other universities. It will ask each university to comment on the other submissions. Universities could, in making their comments, indicate their interest in discussing joint programming in a given area. The Commission may request further supporting information from a university, and also reserves the right to undertake its own studies of the proposals of the universities, but will notify a university when this is being done.

2.2 The comments of each university will be circulated to the other universities.

2.3 The Commission will, by May 31, respond to each University's statement, giving its views on the University's proposals. The Commission will indicate which of the suggested changes, if any, it declines to consider, and a university shall not proceed with the development of such program proposals. The Commission will consider matters such as the level of demand for entry to a program, the need for graduates (where the program is of an applied nature), the availability of other, similar programs, and the ability of the province and the institution to support a high quality program of the kind being proposed.

2.4 The Commission may also indicate conditions which it wishes to attach to any proposal. Such conditions will be limited to matters which do not interfere with the academic autonomy of the university. Examples of such conditions would be a requirement that joint development with another university be explored, or an approval of development on the understanding that additional funding will not be provided.

3. Program proposal development

3.1 In the development of any program under this policy, a university shall give careful

attention to matters of program quality. The Commission may ask for evidence of such consideration, and may require a university to take further steps to ensure that the program proposed is of high quality.

3.2 Where a program, in the course of further development, takes a form or requires resources very substantially different than those outlined in the most recent statement of intent, the university shall notify the Commission which may recirculate the intended program to the other universities or may decline to receive it.

4. Final approval

4.1 Once a program proposal has, consistent with the above procedures, received the final approval of the appropriate authority within the university, it shall be submitted to the Universities Grants Commission for final approval. The Commission will normally grant such approval. However this approval is independent of funding considerations, which are detailed in section 5.

4.2 Once a program has received final approval, the university may offer it at its discretion beginning at any point in the ensuing five academic years. If the program has not been initiated within five years, the approval becomes void, and the program must be reconsidered.

5. Funding

5.1 Program changes which will likelyrequire resources beyond those already available to the university should be so identified in the statement of intent, together with some indication of the level of such resources.

5.2 Once a proposed program change has been accepted by the Commission in a statement of intent, it is the responsibility of the university to build additional resource requirements from the Commission, if any, into its asking budget for the appropriate fiscal year. This clause will mean that the additional resources required for a program intended for implementation in a given academic year would have to be requested in the University's estimates for that year. Such a request may be made even though the program change has not been finally approved within the university or by the Commission, although in such a case funding, if available, would be contingent on such approvals as described above.

5.3 The Commission will advise the universities of funding levels in the usual manner. At this time it may indicate that resources for the new programs as having been allocated categorically, or it may leave to the university the decision as to whether total resources are adequate to support the proposed program.

CHAPTER IV

INTER-UNIVERSITIES NORTH

Background

In 1969-70, the first credit course, Psychology, was offered by the University of Winnipeg in Thompson, subsidized in part by the School District of Mystery Lake.

In the Spring of 1970 the government of Manitoba, Department of Youth and Education, provided a grant of $25,000 per annum for two years under the direction of the Inter-Universities Committee on Summer and Evening Session (IUCSES) the three universities established a field office in The Pas to serve as a liaison between the post-secondary institutions in the southern part of the province and the people in the North.

September 1970 saw the appointment of Mark Poudrier as Coordinator in The Pas and the offering of a total of six university credit courses in three communities - Thompson, Churchill and Cranberry Portage. These courses were presented by each of the institutions on an independent basis as part of its own Evening Session Program.

On March 20, 1971, Dr. Dulmage, representing Brandon University (B.U.), put forward an alternate plan for a cooperative effort in presenting courses, in which there was no competition between institutions, but a pooling of fee income and costs and equal share of the loss on the total program.

A meeting, called on May 254, 1971, invited the President, Deans, Department Chairmen, Registrar, Comptroller and Librarian of each university, and in a general session and later in small groups discussed and formulated what was to become Inter-Universities North (I.U.N.). While the negotiations and deliberations were going on, the IUCSES offered twelve courses in six communities in the 1971/72 academic year with the second year's grant of $25,000.

In 1972 the Universities Grants Commission accepted the proposal from the Presidents' Committee to earmark specific funds for the operation of the IUN program, with the mandate to provide university credit courses north of the 53rd parallel.

Program Delivery and Administration

Credit courses are offered in various northern communities in response to identified need, subject to current budget considerations, and taught by instructors hired by the respective department and university sponsoring the course. IUN reimburses the university for the instructors' salaries, benefits and expenses so that there is no direct financial cost to the sponsoring institution.

Until 1985-86 all courses were taught in the traditional instructor/student face-to-face method, but since then tele-conference techniques have made it possible to offer an increasing number of courses in additional communities. IUN now provides programs in the following communities: Churchill, Cranberry Portage, Cross Lake, Flin Flon, Garden Hill, Gillam, God's Lake Narrows, Grand Rapids, Leaf Rapids, Lynn Lake, Nelson House, Norway House, Oxford House, Snow Lake, South Indian Lake, St. Theresa Point, The Pas, Thompson, Wabowden and Wassagomach, although not in every

community every year.

A unique and important aspect of the IUN program is the cooperation between the three universities that ensures that each university accepts for credit, as its own, **all** courses offered by IUN. In addition, these courses fulfil the residency requirements for the degree taken.

The structure of IUN has been modified slightly as the program developed, but since 1977 the administration has remained as outlined below.

The overall responsibility for the program rests with the Senior University Officer (SUO) who in turn is responsible to the Committee of Presidents of the Universities of Manitoba (COPUM).

The Program Executive Committee (PEC), composed of the SUO, the Director and one representative from each university, is responsible for the determination and location of courses, the provision of staff, the preparation of the budget and financial control, and for making policy recommendations to COPUM.

The Director is responsible for the day to day operation of the program, and the staff in the Thompson office are the Community Program Coordinator, an Administrative Secretary and a secretary. There is a volunteer community coordinator in each community to assist in determining the community's course needs, to make arrangements for classrooms and equipment and to provide a liaison between the students, the instructors and Community Program Coordinator.

The Commission provided a total of $504,400 in operating funding support for this program in 1989-90. During that fiscal year IUN offered a total of 32 different courses at 12 locations in Northern Manitoba. Of the 32 courses 22 were offered through on site instruction, and 10 were offered through teleconferencing.

A total of 299 students were served by IUN in 1989-90 with a total course registration of 448.

First Year (Arts & Science) by Distance Education

In the spring of 1989 the Honourable Len Derkach, Minister of Education and Training, announced a new program, First Year by Distance Education (FYDE), to commence in September 1990. IUN, in co-operation with the Universities Grants Commission, the Distance Education and Technology Branch of Manitoba Education and Training, Assiniboine and Keewatin Community Colleges and the school divisions and schools in the areas, will offer a complete first year program in four geographical areas: Dauphin, Roblin-Russell-Birtle; The Pas-Cranberry Portage-Flin Flon; and Thompson.

Students in these areas may select up to five first year (full) courses (30 credits) from the ten courses to be offered: biology, calculus, computer science, economics, English, history, linear algebra, philosophy, psychology and sociology. The courses will be delivered by a combination of distance education modalities: print, teleconference, video tapes, computer and live satellite. The professor of each course will make a visit to each learning centre, and there will be a full-time on-site resource person at each location. Laboratory assistants will be available on-site for the laboratory component of the science courses.

Classrooms and laboratory facilities will

be supplied by the community, the actual location depending on the availability of space. Library resources will be in the communities, and students will also have computer access to the holdings of the universities.

Students will choose a "home" university, the university from which they intend to graduate, and must satisfy all entrance requirements of that institution, either as a regular or mature student. All regulations concerning admission, registration, and course pre-requisites that are applicable on campus will also apply to students in the FYDE program. Students may participate on a full or part-time basis, and at least two courses will be scheduled for evening delivery. Full-time students will be eligible for all entrance, continuing scholarships, bursaries or awards that on-campus students are.

CHAPTER V

ENROLMENT

Full-Time Enrolment

(a) **General**

Full-time enrolment at universities and colleges in Manitoba which had, as in most provinces in Canada, displayed a static tendency through the first half of the seventies began a steady decline in the last half of the decade. It had been projected that this decline could continue through the eighties and possibly into the nineties. However universities in Manitoba experienced a substantial increase in enrolment between 1980-81 and 1983-84. Since that time full-time enrolment has declined slightly each year, with the exception of the past two years which showed a very slight increase. Based upon the latest school enrolment forecasts and the current employment patterns, it would appear that the demand for post-secondary education will continue to be high.

On December 1, 1989 the Manitoba universities' full-time enrolment stood at 18,964, an increase of 0.44% over December 1st, 1988.

Year	Full-Time Enrolment	Increase(Decrease) Over Previous Year
1967-68	13,353	-
1970-71	16,745	-
1975-76	18,080	-
1980-81	15,760	-
1985-86	19,531	-
1987-88	18,864	(1.78%)
1988-89	18,881	0.09%
1989-90	18,960	0.44%

(b) **Full-Time Undergraduate Enrolments by Faculty**

Table I in Appendix "C" shows several recent years' enrolments for the Manitoba universities and Collège universitaire de Saint-Boniface. The following table lists the largest full-time undergraduate enrolments by faculty for the last two years.

Faculty	1988 Undergraduate Enrolment	Percent of Total Undergraduate Enrolment	1989 Undergraduate Enrolment	Percent of Total Undergraduate Enrolment
Arts	6,350	37.3	6,356	37.3
Science	2,990	17.6	2,893	17.0
Education	2,263	13.3	2,282	13.4
Engineering	1,062	6.2	1,052	6.2

(c) **Graduate Enrolment**

Graduate full-time enrolment grew rapidly during the sixties from 249 students in 1960-61 to 1,304 students in 1969-70. During the late seventies, the graduate full-time enrolment stabilized at around the 1,550 figure. At the start of the eighties, the number of full-time students taking graduate studies began to rise. The number of students increased each year until 1985-86 when it decreased by 1.2%. In 1986-87 the number of full-time graduate students increased by 2.6% but in 1987-88 the number of full-time graduate students once again began to decrease. Over the past seven years full-time graduate students represented approximately 10% of the total full-time students enroled per year.

Year	Total Full-Time Enrolment	Graduate Full-Time Enrolment	Graduate Full-Time Enrolment as a % of Total Full-Time Enrolment
1967-68	13,353	806	6.0%
1970-71	16,765	1,303	7.7%
1975-76	18,080	1,490	8.2%
1980-81	15,760	1,569	10.0%
1985-86	19,531	1,996	10.2%
1987-88	18,864	1,965	10.4%
1988-89	18,881	1,849	9.8%
1989-90	18,960	1,866	9.8%

Appendix "C", Table II details the full-time graduate enrolments by faculty and degree level sought for the last five years.

Part-Time Enrolment

(a) **General**

Students taking less than 80% of a prescribed course-load are defined as part-time students. Courses are available in the day and evening during the regular winter session (September - April) and the spring session (May - July). Generally day courses only are offered in summer session (July - August).

Year	Total Regular Session Part-Time classes	Summer Session	Total	Percent Increase (Decrease)
1967-68	4,056	4,660	8,716	-
1970-71	8,387	9,008	17,395	-
1975-76	10,439	7,528	17,967	-
1980-81	11,242	9,106	20,348	-
1985-86	13,834	12,503	26,337	1.1%
1987-88	14,477	11,121	25,598	(4.3%)
1988-89	14,669	11,326	25,995	1.6%
1989-90	15,486	11,564	27,050	4.1%

An extremely rapid increase in part time enrolment occurred between 1967-68 and 1970-71 when enrolment almost doubled. Part-time enrolment fluctuated between 1970-71 and 1980-81, increasing one year and decreasing the next.

Table III of Appendix "C" provides a summary of the part-time regular session enrolments by faculty for the last five years. The Faculties of Arts (8,058 or 52.0%), Education (2,312 or 14.9%) and Science (1,662 or 10.7%) dominate the part-time enrolment figures in 1989-90.

(b) **Full-Time Equivalents**

Statistics Canada has developed a system for converting part-time students into full-time equivalents by dividing the part-time student by 3.5. This formula has been gaining acceptance throughout the country and the Universities Grants Commission has adopted the Statistics Canada system which will make our enrolment figures comparable with the rest of the country.

The full-time equivalent enrolment figures are now used by the Universities Grants Commission strictly as a statistical tool.

The following table contains the Full-Time Equivalent Enrolment figures using the Statistics Canada formula.

Year	Full-Time Enrolment	Part-Time Enrolment (÷3.5)	Full-Time Equivalent Enrolment	Increase (Decrease)
1967-68	13,353	2,490	15,843	-
1970-71	16,765	4,970	21,735	-
1975-76	18,080	5,133	23,213	-
1980-81	15,760	5,814	21,574	-
1985-86	19,531	7,525	27,056	(2.2%)
1986-87	19,206	7,644	26,850	(0.8%)
1987-88	18,864	7,314	26,178	(2.5%)
1988-89	18,881	7,427	26,308	0.5%
1989-90	18,960	7,729	26,689	1.4%

Geographic Origins of Students

(a) **General**

No agreement exists on the definition of the "geographic origin" of a student either among the provinces or among the institutions. Various groups take the province or country of matriculation as the determining factor of "origin" while others refer to the province or country of birth or the province or country of domicile in that particular year as the origin of the student. This lack of agreement complicates any attempt to study student mobility from province to province or student mobility from other countries into Canada. Nonetheless, attempts are made to report on the origins of students and the following table summarizes the information collected.

The following summary shows that the number of full-time students who were classified as international students, or who stated their home province was not Manitoba, which had declined by 8.8% in 1986-87, 9.0% in 1987-88, and 2.9% in 1988-89 after having increased steadily since the beginning of the 80's, increased by 3.9% in 1989-90.

Summary of Non-Manitoba Full-Time Student Enrolment

Year	Full-Time Enrolment	Canada	International	Non-Manitoba Total	Percentage Non-Manitoba
1970-71	16,765	1,449	1,422	2,871	17.1%
1975-76	18,080	1,390	2,042	3,432	19.0%
1980-81	15,760	1,236	1,612	2,848	18.1%
1985-86	19,531	1,515	2,803	4,318	22.1%
1986-87	19,206	1,383	2,553	3,936	20.5%
1987-88	18,864	1,392	2,188	3,580	19.0%
1988-89	18,881	1,460	2,017	3,477	18.4%
1989-90	18,960	1,542	2,071	3,613	19.1%

(b) **Non-Manitoba Canadian Enrolment**

The following summary indicates the distribution of students from other provinces enroled in Manitoba institutions.

Full-Time Enrolment from Other Provinces Studying in Manitoba Universities

Province	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
British Columbia	171	159	158	147	137	130
Alberta	231	224	207	182	185	181
Saskatchewan	310	304	298	325	331	337
Ontario	641	676	592	594	671	733
Quebec	81	67	61	61	44	55
New Brunswick	20	21	16	15	13	13
P.E.I.	4	5	6	5	4	5
Nova Scotia	24	26	26	27	23	25
Newfoundland	7	5	5	8	10	8
N.W.T. and Yukon	17	18	12	8	15	18
Unknown	9	10	2	20	27	37
Total	1,515	1,515	1,383	1,392	1,460	1,542

For 1989-90, the Faculties of Graduate Studies (235 or 15.2%), Architecture (including Environmental Studies and Interior Design) (119 or 7.7%), Arts (380 or 24.6%) and Science (147 or 9.5%) were the most popular for non-Manitoba Canadian Students. This excludes the University of Winnipeg figures. Table VI, in Appendix "C" provides the details.

(c) **Foreign Enrolment**

All students who are in Canada on a visa or who are classified as being permanent residents are considered as foreign students in this report.

The numbers of foreign students in Manitoba universities rose from 738 in 1965-66 to a high of 2,964 in 1984-85, and have since declined substantially. The table below shows the numbers and origins of these students for the last four years.

Full-Time Foreign Student Enrolment Studying in Manitoba Universities

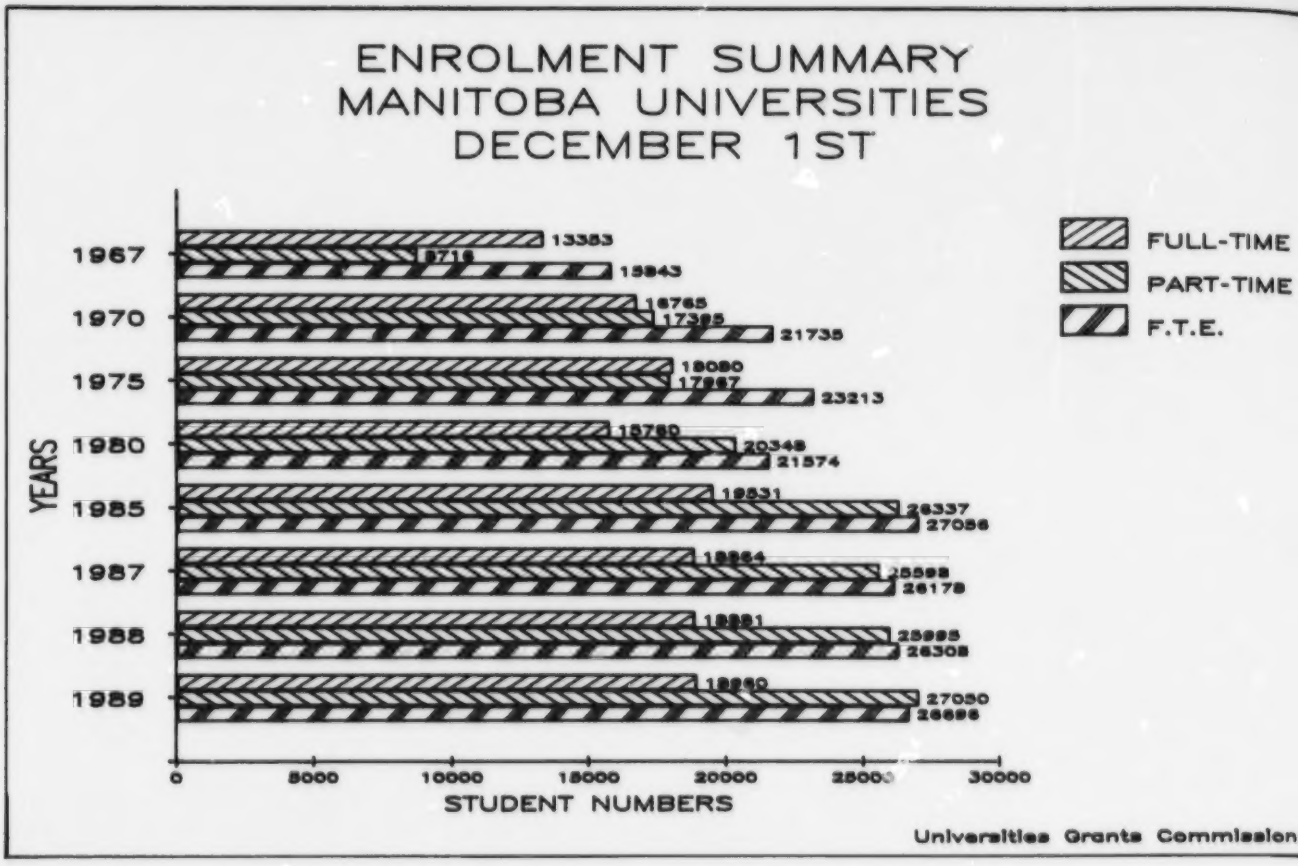
	1986-87	% of Total	1987-88	% of Total	1988-89	% of Total	1989-90	% of Total
United States	161	6.3	142	6.5	160	7.9	130	6.3
Caribbean, Central & South America	135	5.3	115	5.3	118	5.9	121	5.8
United Kingdom & Eire	111	4.3	132	6.0	112	5.6	89	4.3
Other Europe	230	9.0	214	9.8	215	10.7	226	10.9
Africa	220	8.6	188	8.6	164	8.1	193	9.3
Hong Kong	934	36.6	742	33.9	640	31.7	616	29.7
Other Asia	705	27.6	609	27.8	543	26.9	595	28.7
Middle East	45	1.8	34	1.6	28	1.4	35	1.7
Oceania	12	.5	9	.4	3	.1	9	.4
Unknown	0	.0	3	.1	34	1.7	57	2.7
Total	2,553		2,188		2,017		2,071	

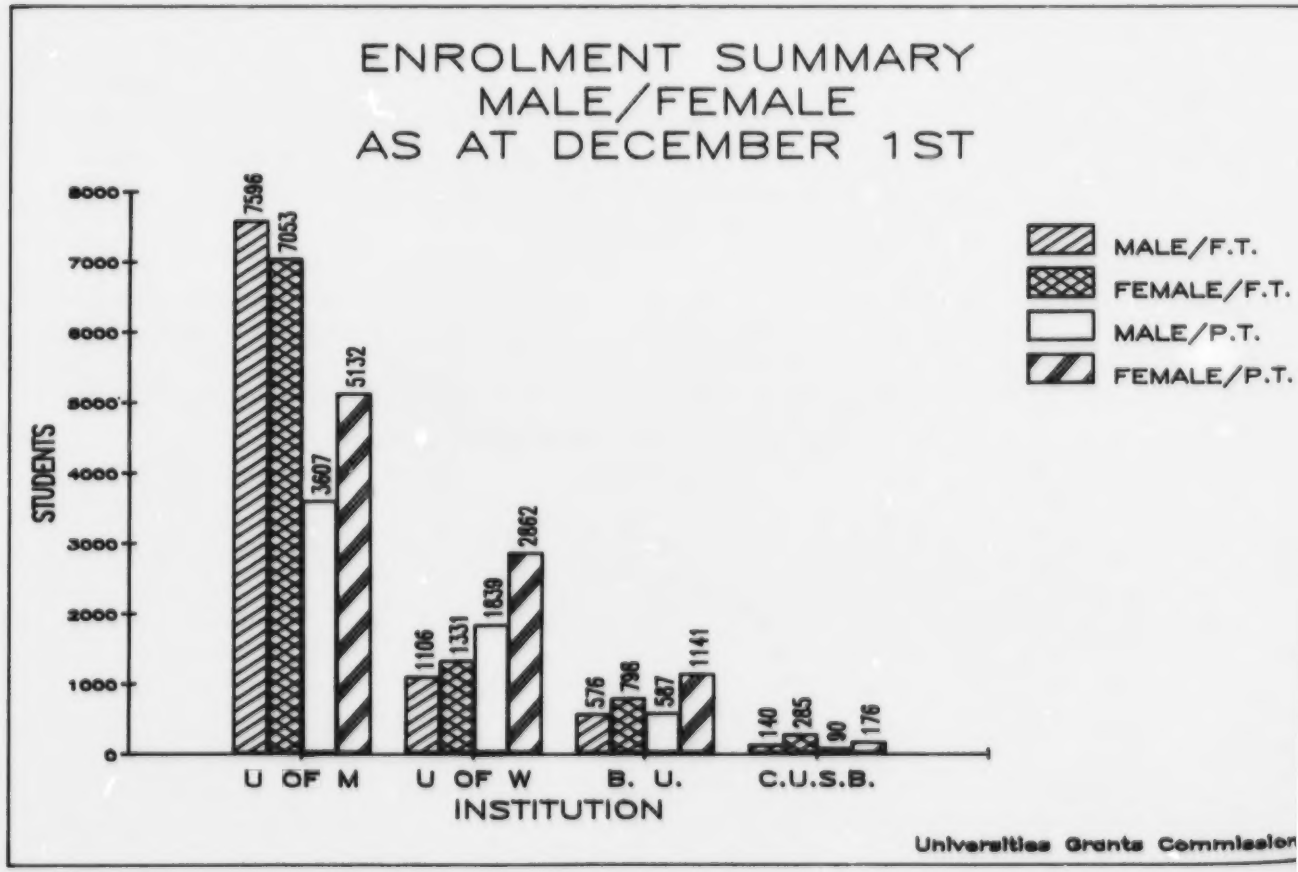
Table VIII in Appendix "C" shows that in 1989-90 the faculties of Graduate Studies (500 or 24.8%), Engineering (165 or 8.2%), Science (313 or 15.5%), Arts (260 or 12.9%), and Education (64 or 3.2%) had the highest enrolments of foreign students (excluding the University of Winnipeg figures).

The following table shows that 27.8% of the foreign students are enroled in Graduate Studies, whereas only 9.8% of all full-time students are enroled in graduate programs.

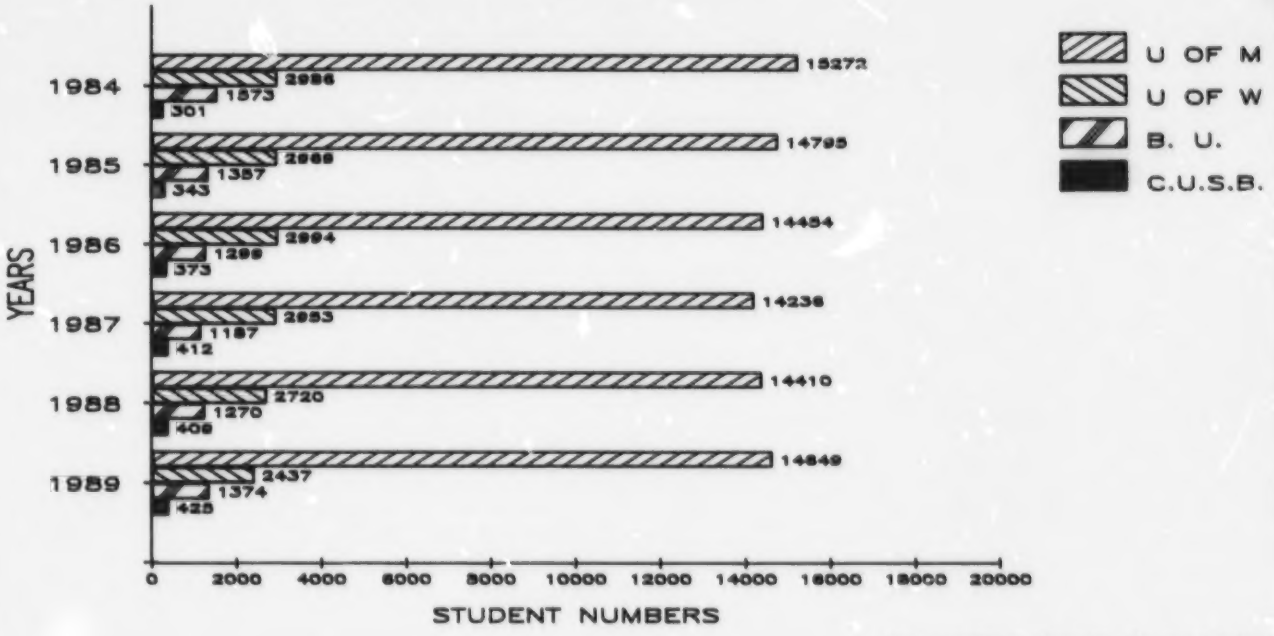
Summary of Full-Time Foreign Students

Year	Graduate	Undergraduate	Total	% GraduateStudents
1967-68	308	663	971	31.7%
1970-71	442	980	1,422	31.1%
1975-76	443	1,599	2,042	21.7%
1980-81	396	1,216	1,612	24.6%
1985-86	496	2,307	2,803	17.7%
1987-88	490	1,698	2,188	22.4%
1988-89	500	1,517	2,017	24.8%
1989-90	575	1,496	2,071	27.8%


ENROLMENT SUMMARY
MANITOBA UNIVERSITIES
DECEMBER 1ST
YEARS
1967
1970
1975
1980
1985
1987
1988
1989
13383
15843
16765
17395
21735
19080
17987
23213
18780
20348
21574
19831
26337
27056
18864
25598
26178
18881
25995
26308
18960
27050
26696
0
5000
10000
15000
20000
25000
30000
STUDENT NUMBERS
FULL-TIME
PART-TIME
F.T.E.
Universities Grants Commission

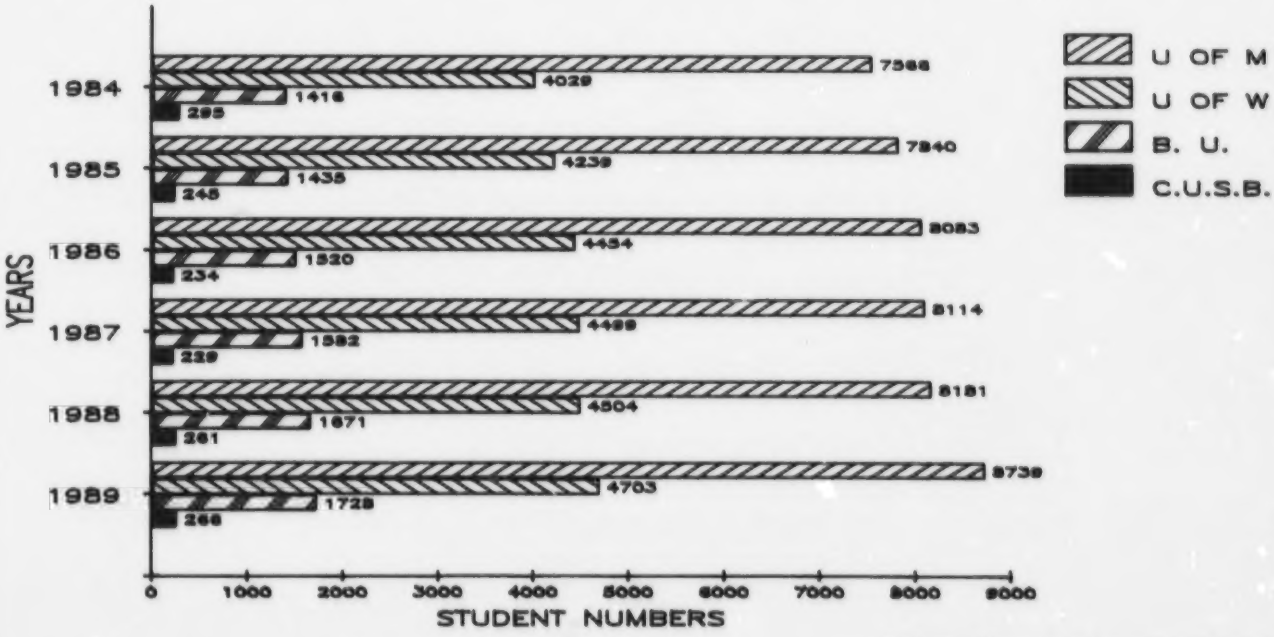

ENROLMENT SUMMARY
MALE/FEMALE
AS AT DECEMBER 1ST
STUDENTS
8000
7000
6000
5000
4000
3000
2000
1000
0
7596
7053
3607
5132
1106
1331
1839
2862
576
798
587
1141
140
285
90
176
U OF M
U OF W
B. U.
C.U.S.B.
INSTITUTION
MALE/F.T.
FEMALE/F.T.
MALE/P.T.
FEMALE/P.T.
Universities Grants Commission

FULL-TIME ENROLMENT MANITOBA UNIVERSITIES AS AT DECEMBER 1ST



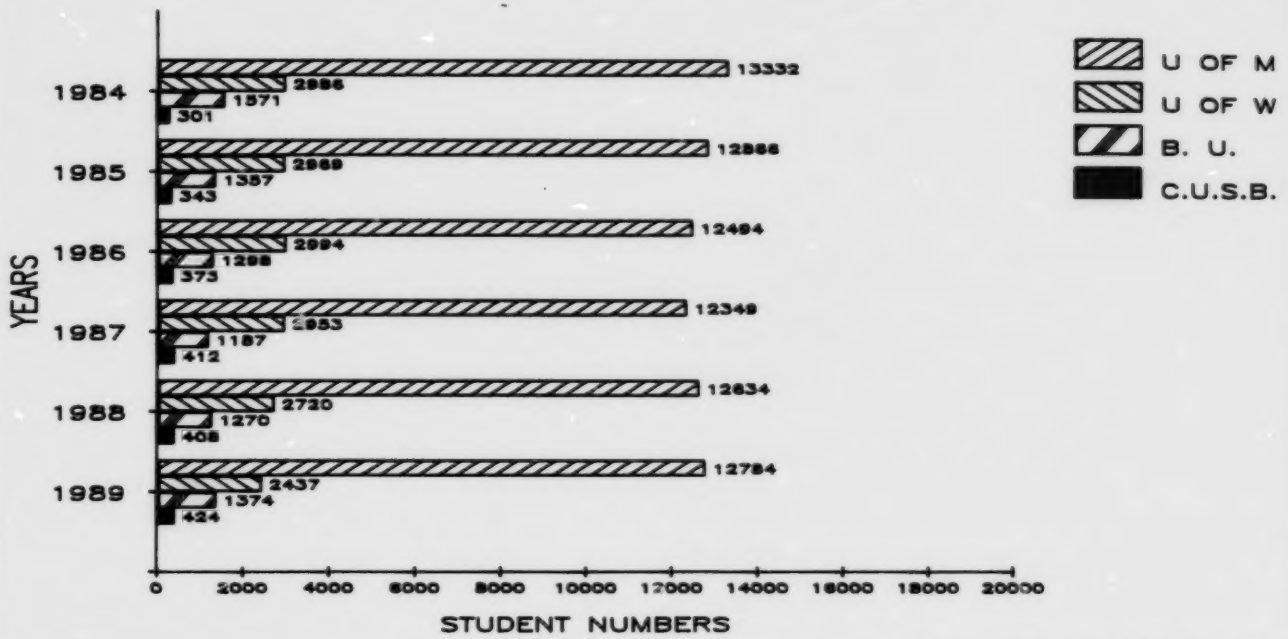
Universities Grants Commission

PART-TIME REGULAR SESSION ENROLMENT MANITOBA UNIVERSITIES AS AT DECEMBER 1ST



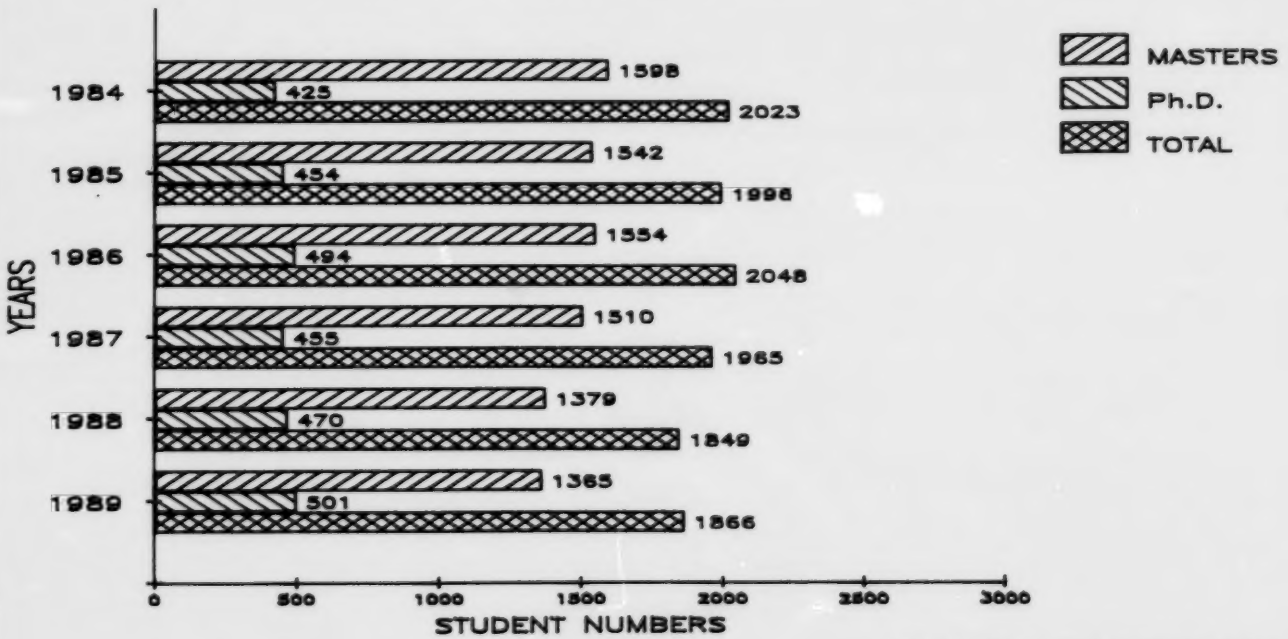
Universities Grants Commission

FULL-TIME UNDERGRADUATE ENROLMENT MANITOBA UNIVERSITIES AS AT DECEMBER 1ST

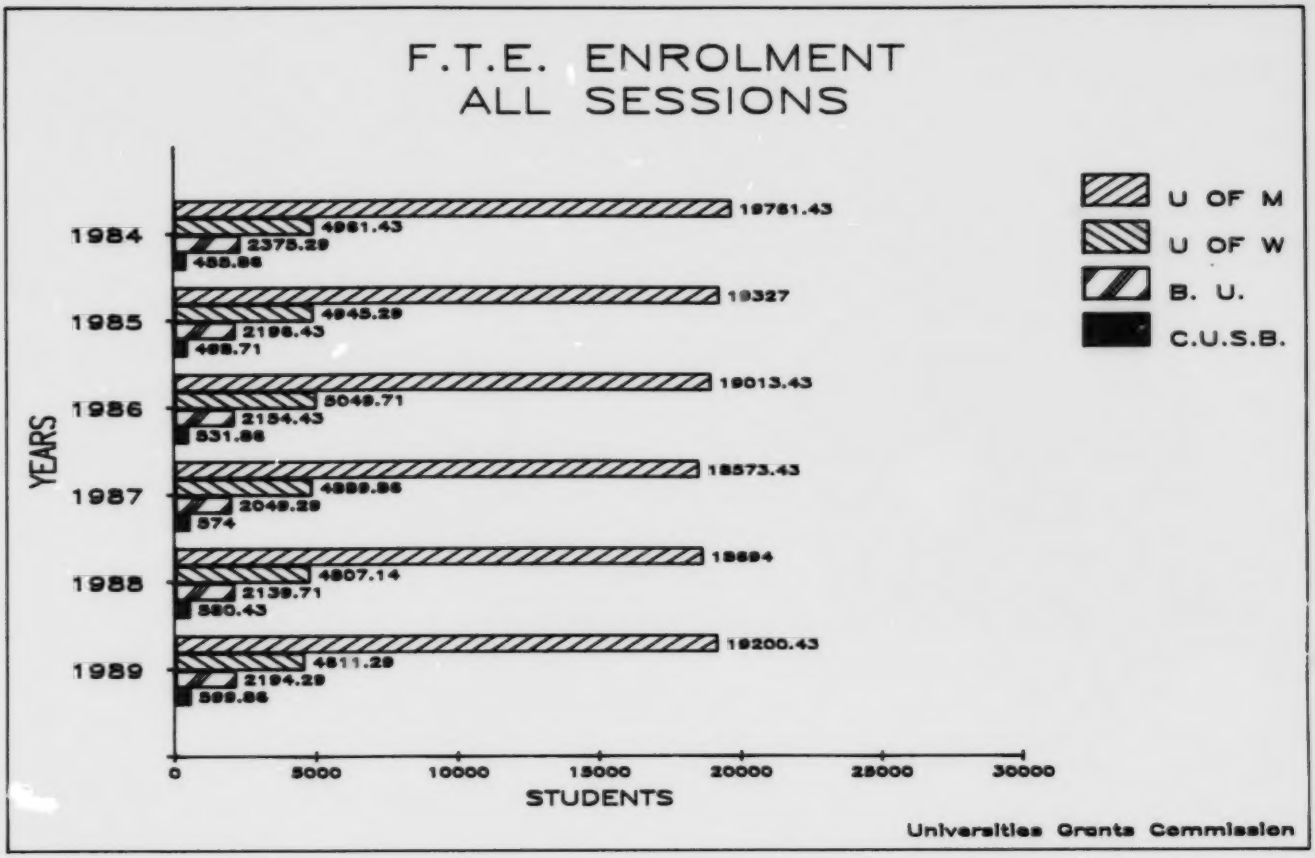


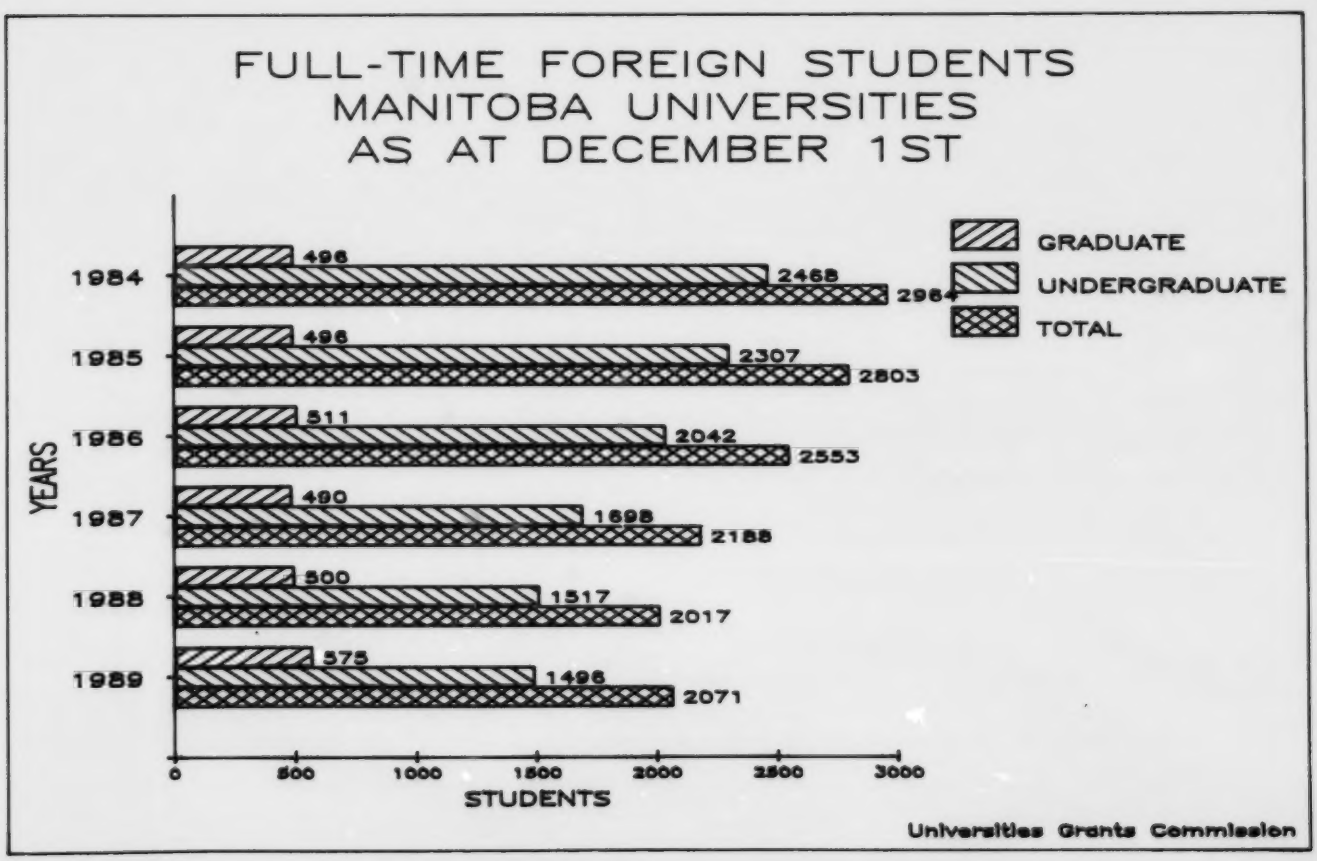
Universities Grants Commission

FULL-TIME GRADUATE ENROLMENT MANITOBA UNIVERSITIES AS AT DECEMBER 1ST



Universities Grants Commission


F.T.E. ENROLMENT
ALL SESSIONS
U OF M
U OF W
B. U.
C.U.S.B.
YEARS
1984
19761.43
4981.43
2378.29
485.86
1985
19327
4945.29
2196.43
498.71
1986
19013.43
5049.71
2154.43
531.86
1987
18573.43
4989.86
2049.29
574
1988
18894
4907.14
2139.71
580.43
1989
19200.43
4811.29
2194.29
599.86
0
5000
10000
15000
20000
25000
30000
STUDENTS
Universities Grants Commission


FULL-TIME FOREIGN STUDENTS
MANITOBA UNIVERSITIES
AS AT DECEMBER 1ST
GRADUATE
UNDERGRADUATE
TOTAL
YEARS
1984
496
2468
2964
1985
496
2307
2803
1986
511
2042
2553
1987
490
1698
2188
1988
500
1517
2017
1989
575
1496
2071
0
500
1000
1500
2000
2500
3000
STUDENTS
Universities Grants Commission

CHAPTER VI

GRADUATES

"Input" in the form of students entering the universities should in due course result in "output" in the form of students graduating from those institutions.

The number of candidates qualifying for degrees, diplomas and certificates at the universities in Manitoba is listed in the following table:

Year	Number of Candidates Graduating	Increase (Decrease) Over Previous Year
1967-68	3,956	-
1970-71	5,081	-
1975-76	5,208	-
1980-81	5,058	-
1982-83	4,572	-
1983-84	4,778	4.5%
1984-85	5,206	9.0%
1985-86	5,489	5.4%
1986-87	5,738	4.5%
1987-88	5,690	(0.8%)
1988-89	5,611	(1.4%)
1989-90	5,366	(4.4%)

In 1989-90, the faculties of Arts (1,726 or 32.2%), Science (725 or 13.5%) and Education (926 or 17.3%) at the institutions provided the largest number of graduates.

In 1989-90, 87.2% of the graduates received their bachelor's or first professional degree, 9.7% received a master's degree, 1.3% received a doctorate and 1.9% received a diploma or certificate. Appendix "D" provides further information on the degrees awarded at the Manitoba universities.

CHAPTER VII

FINANCE

Budget Process for 1989/90

The Commission's budget process involves three phases.

1. The universities make submissions to the Commission, outlining their financial and other needs for the coming year. This process normally occurs between March and July.

2. The Commission makes recommendations to the Minister and the government on appropriate funding levels for universities, and, where considered appropriate, on other university-related policy matters.

3. Once the government advises the Commission of the level of funding to be provided in the following year, the Commission allocates the available funds among the universities and programs it supports, and so advises the various parties. (See Appendix "E" & "F")

A more complete description of this process follows.

Budgetary Submissions

On March 15, 1989, the Universities Grants Commission sent letters to the universities requesting the annual Estimates' submission by May 31. The Commission sought submissions which placed the universities' budgetary requests in a context which would allow the Commission to make informed judgments about each institution in formulating its recommendations to governments.

The suggested format asked for a statement of goals and objectives, a statement of the current status of the institution, current enrolment figures and projections, and an overview of the institution's planning and budgeting process.

The financial data requested included the 1988/89 base for each budgetary unit, and an indicator of staffing, (academic and other) and enrolment for each unit. An estimate of the impact of known factors on the universities budgets for the 1989/90 fiscal year included salary changes [both scale and increments], cost of supplies and services, infrastructure needs, projected changes in program and staffing, revenue from non-government sources, and any other relevant factors. These could include new programs or services, cuts in other revenue, special one time expenditures, or any other matter which the institution deemed important.

The Commission requested the university's comments on reallocation of resources within the university over the past few years and the next few years.

Under the headings of major capital and equipment and renovation capital an indication was requested of required funds in 1989/90 for equipment repairs and renovations, including an approximate division between maintenance costs, funding for teaching purposes, and other uses of this capital.

A priority list of major capital projects was requested with a brief description of each and an estimate of its cost.

In terms of specific issues the Commission asked the universities to respond to the following questions:

1. Should the Commission make

differential allocations to the institution? If so, should they be based on the current and projected roles of each university? on the quality of its past management? on changes in enrolments? or on other factors?

2. What place should targeted funding take in the Commission's allocations? What issues should the Commission consider in reviewing options for targeted funding?

3. Is the Commission doing enough to promote constructive debate on university financial and policy issues? Are we providing enough information to universities regarding our views and actions as well as the government's? If not, what further steps would you suggest we take?

4. Is there a requirement for greater reallocation within the universities than currently occurs? If so, what actions could or should be taken to make reallocation of resources more possible?

When the estimates' submissions were received, the Universities Grants Commission staff analyzed the submissions for the commissioners to review before their meetings with the various universities. The Commission met with each university and explored areas of special interest. These meetings were about a half day in length, and allowed discussion.

Recommendations to government

Subsequent to meeting with the universities to discuss the submissions, the Commission developed its recommendations to government. These were based on the universities' submissions, other data available to the Commission, and the commissioners own views of what was required. The Commission reviewed several drafts of these recommendations before they were submitted to the Minister.

The Commission then submitted its recommendations for 1989-90. The Commission's policy is one of keeping its recommendations confidential, in the belief that this ensures the ability of the Commission and government to speak openly to each other. The following is a summary of the areas addressed in the Commission's recommendations.

1. General Introduction
2. Preliminary comments on the situation of the universities
3. Requested funding increases
4. Funding options
5. Recommendations on a level of base increase to universities and indications of allocations to each university
6. Recommendations on tuition levels and policy
7. Options for targeted funding which the Commission recommends for consideration by the Minister and government
8. Recommendations for capital funding and policy issues
9. Recommendations regarding Computer Service Network funding
10. Recommendations for funding allocations of the Universities Development Fund

After reviewing the Commission submission, the Minister met with the Commission for further discussions. Following this, he submitted his recommendations to Treasury Board and Cabinet. Final funding decisions were made and announced by government in May 1989.

Allocations to each institutions

While the government's estimates were under review by Cabinet, the Grants Commission considered various scenarios for distributing funds amongst the

universities. This decision was not made by formula or algorithm, but was based on the Commission's judgment about the relative needs of each institution. Ongoing discussion between Commission staff and staff of Treasury Board allow the Commission to stay informed about budgetary prospects, and therefore to consider in advance its own decisions under a variety of plausible options. When the final budget figures were known, the Commission was in a position to quickly finalize its own allocations.

Following the Minister's public announcement of overall funding levels in May, the Universities Grants Commission wrote to all universities announcing the various funding increases and the rationale for these decisions.

Following are excerpts from the Commission's 1989/90 allocation letters which detail the increases provided and rationale for them.

"*1. Overall Situation*

The Commission notes that the overall allocation provided by government for 1989-90 is less than the amounts requested by the universities. An overall increase of 7% in funding provided by government is significant in terms of public expenditure, but will also present difficult choices to each of the institutions.

2. *Allocations to each university*

The Commission is mindful of the difficulty in making allocations to institutions which differ so much in size and activities as do those in Manitoba. Nonetheless, the Commission agrees with the universities' view that allocations ought not necessarily to be the same across institutions, but that differential allocations should be made based on an announced rationale. An overview of the rationale for the 1989/90 allocations appears below; each university will receive more detailed comments on its own situation. The differentials are small this year because the Commission recognizes that each university has only limited capacity to adjust in the short term.

We are not, this year, making any reference to the relative size of grants to the various institutions. Some institutions will receive more in basic operating funds, while others will be receiving some targeted money. Each institution will receive funding for pay equity, which also has a differential effect on the various institutions. And capital allocations will also vary. In each case, we have done our best to make the allocation which seems to us most consonant with each institution's situation, given our resources.

We do think, however, that it would be useful to express a view of each university which had informed the Commission's decision-making process. These views have not changed substantially since I wrote to you a year ago, but are worth restating.

College de Saint-Boniface

In regard to Collège de Saint-Boniface, the Commission continues to be committed to providing CUSB with a level of funding which permits them to offer a reasonable basic program in Arts, Science and Education, especially in view of dramatic enrolment growth and anticipated continued growth. While the College made significant progress in improving its basic Arts, Science and Education programs this past year, the Commission believes that some further support is still needed for this purpose, and hence will provide additional funds this year. The College has complied with the Commission's

request to develop a clear long-term academic plan, and to focus on the improvement of existing programs as a first priority.

The University of Winnipeg

The increase to The University of Winnipeg reflects the fact that the University has experienced a decline in enrolment which will reduce its tuition revenue, upon which it is more dependent than are the other universities. Last year the University received a smaller grant because of additional tuition revenue available to it; consistent with that approach, this year's grant is larger. We have also been sympathetic to the University's claim that its high enrolment of part-time students creates additional costs which have not previously been recognized.

Brandon University

The Commission appreciates the desire of Brandon University to provide a range of programs in keeping with its history and the needs of the population it serves. Moreover, we believe that Brandon University is a substantially stronger institution in many ways than it was a few years ago. However, the Commission continues to have concerns about whether the current range of programs is consistent with the University's enrolment and resources. We note that enrolment growth will contribute additional revenue to the University which may alleviate some of these problems.

The University of Manitoba

Because The University of Manitoba is so much larger than the other institutions, it is virtually impossible for the University to receive an allocation larger than the total increase in the pool of funds. To go beyond this in any significant way would essentially mean giving the other institutions nothing. At the same time, the Commission understands that The University of Manitoba also has important financial requirements and problems, which must be given the same consideration as those at other institutions.

Within the base increase, the Commission has identified three specific purposes which it hopes can be fulfilled, each of which was identified by the University in its Plan 89 submission to the Commission. As well, the University will receive targeted funding for several initiatives.

The Commission has not changed its view that The University of Manitoba will continue to face major issues of reallocation of resources and prioritization of activities. We repeat our opinion that the University's Academic Plan does not, to our mind, have a clear enough programmatic focus to guide these decisions.

3. *Tuition Fees*

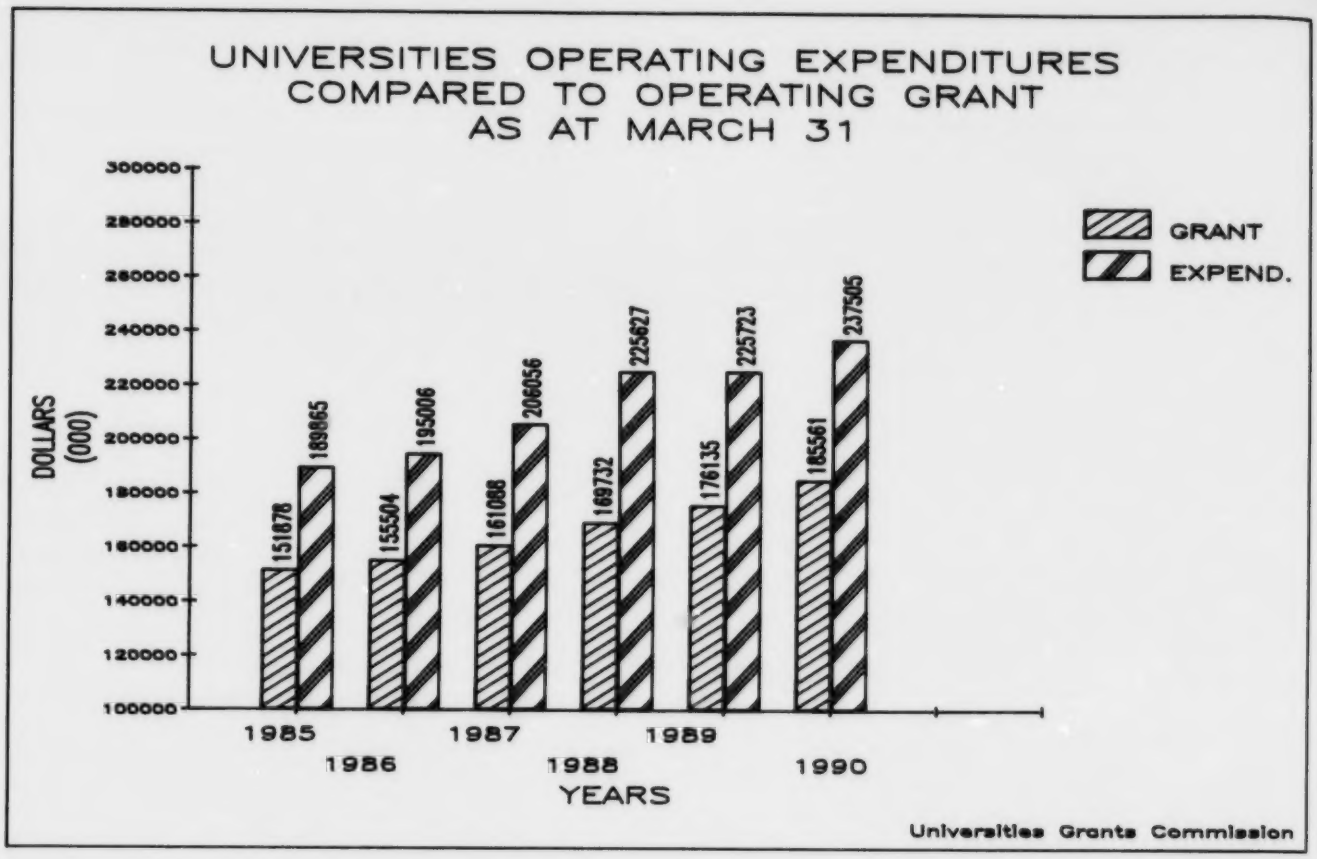
The government set no guideline for tuition fees when the overall grant was announced by the Minister of Education. Neither is the Commission indicating any target level for tuition fees, leaving this matter to the discretion of the governing board of each university. The Commission does not feel that the tuition fees proposed for 1989-90 are excessive, and notes that tuition accounts for a substantially smaller portion of university revenues now than it did fifteen or twenty years ago. We think that the value of university education is well worth the investment students are asked to make in it. Given the province's low ability in comparison with other provinces to

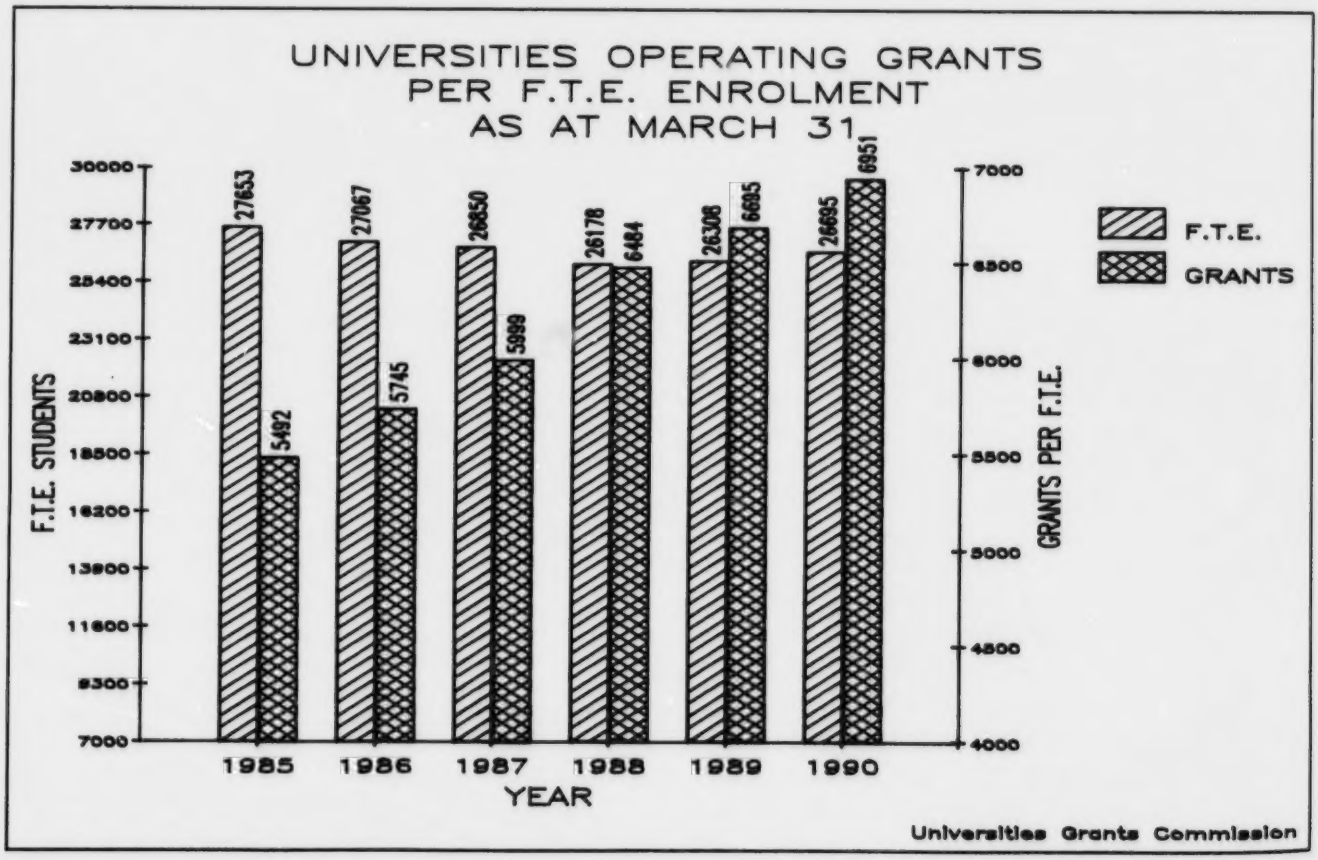
raise revenue, it appears to us that lower than average tuition fees will inevitably mean lower than average revenue for our universities.

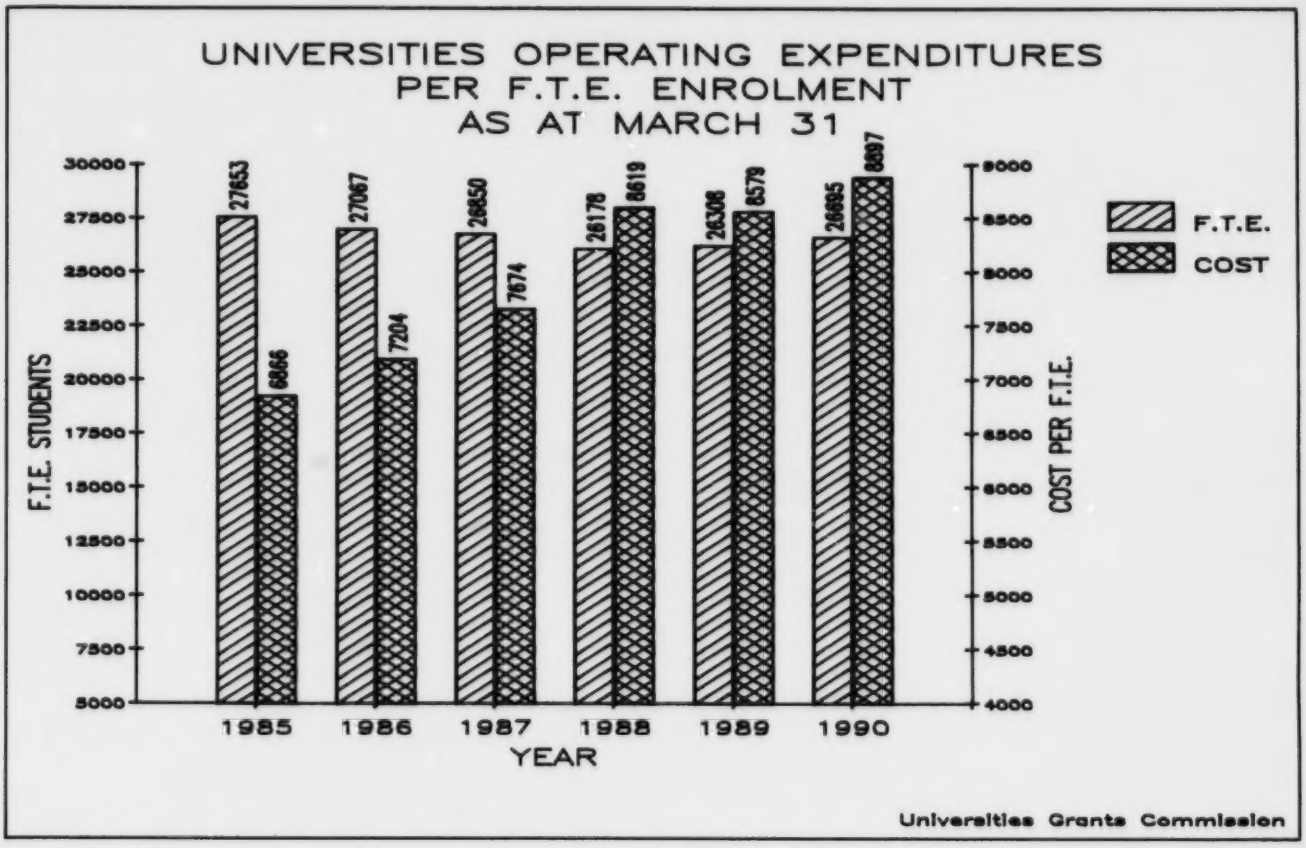
Furthermore, we would encourage a move to relate tuition levels more closely to program costs, so that tuition in high cost programs might well increase more significantly than tuition in, for example, Arts or Science."

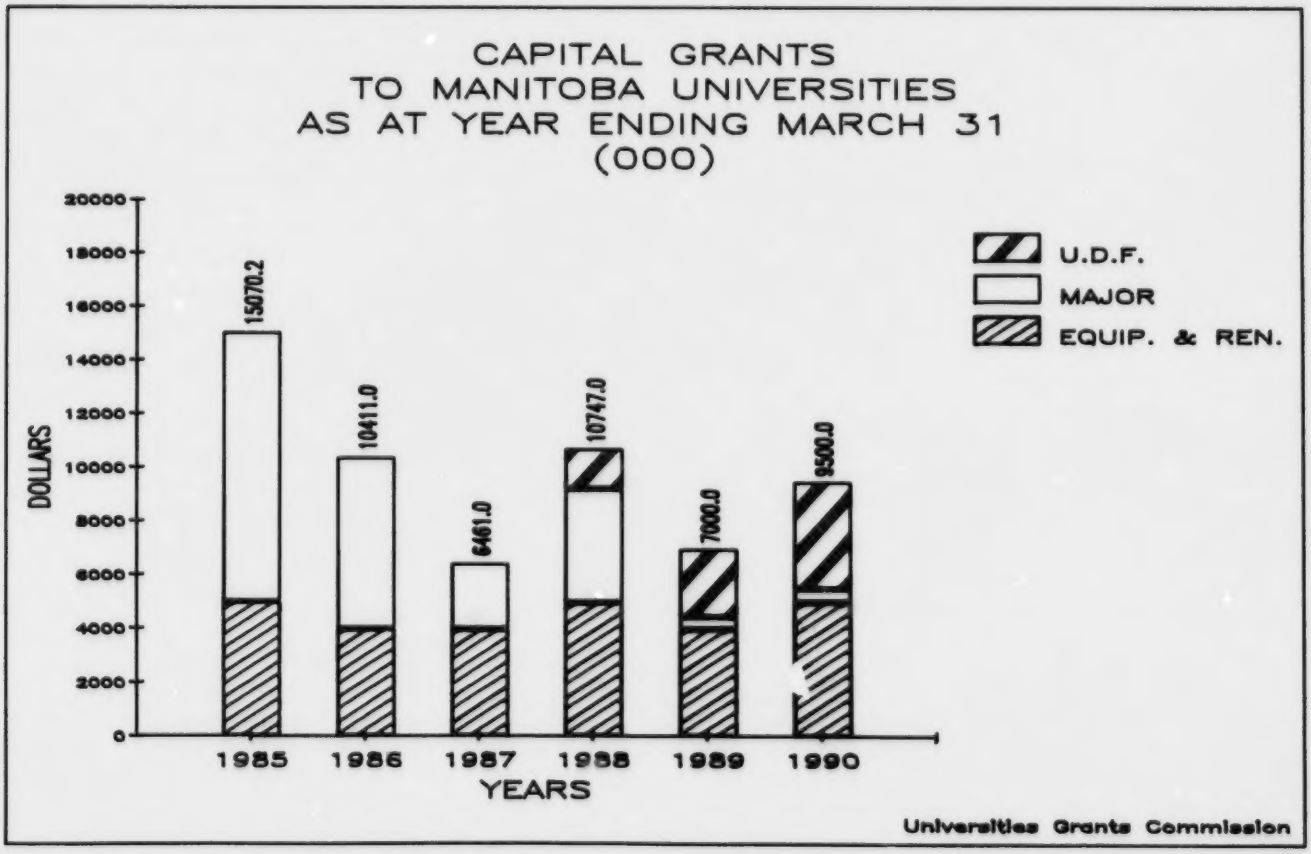
Grants in Lieu of Taxes

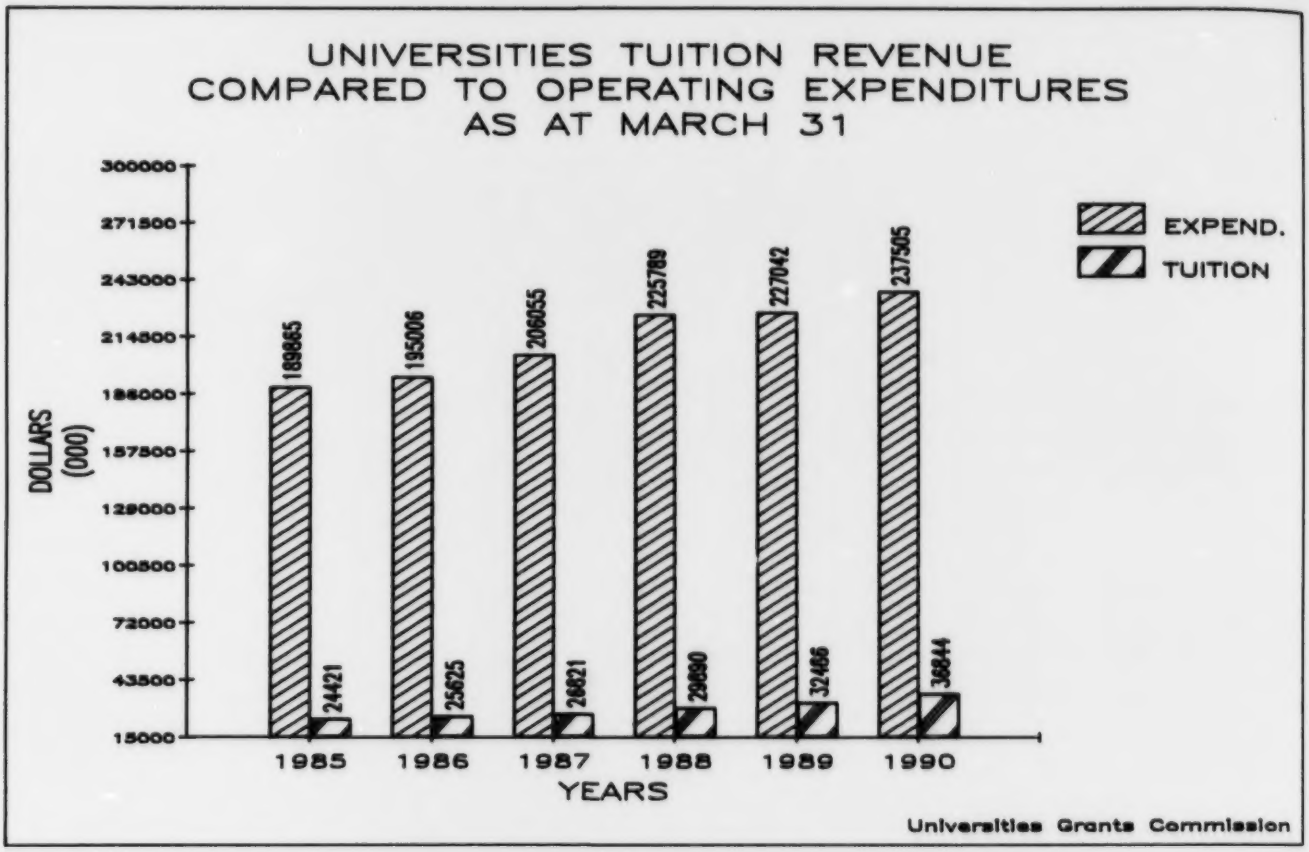
The Department of Municipal Affairs pays grants-in-lieu of taxes on behalf of the three universities and Collège universitaire de Saint-Boniface. In 1989/90 they paid $13,344,469.13 to six cities and municipalities on behalf of the universities.


UNIVERSITIES OPERATING EXPENDITURES
COMPARED TO OPERATING GRANT
AS AT MARCH 31
DOLLARS (000)
300000
280000
260000
240000
220000
200000
180000
160000
140000
120000
100000
151878
189865
155504
195006
161088
206056
169732
225827
176135
225723
185561
237505
GRANT
EXPEND.
1985
1986
1987
1988
1989
1990
YEARS
Universities Grants Commission


UNIVERSITIES OPERATING GRANTS
PER F.T.E. ENROLMENT
AS AT MARCH 31
F.T.E. STUDENTS
30000
27700
25400
23100
20800
18500
16200
13900
11600
9300
7000
27653
5492
27067
5745
26850
5999
26178
6484
26306
6695
26695
6951
GRANTS PER F.T.E.
7000
6500
6000
5500
5000
4500
4000
F.T.E.
GRANTS
1985
1986
1987
1988
1989
1990
YEAR
Universities Grants Commission


UNIVERSITIES OPERATING EXPENDITURES
PER F.T.E. ENROLMENT
AS AT MARCH 31
F.T.E. STUDENTS
COST PER F.T.E.
F.T.E.
COST
27653
6866
27067
7204
26850
7674
26178
8619
26306
8579
26695
8897
1985
1986
1987
1988
1989
1990
YEAR
Universities Grants Commission


CAPITAL GRANTS
TO MANITOBA UNIVERSITIES
AS AT YEAR ENDING MARCH 31
(000)
DOLLARS
U.D.F.
MAJOR
EQUIP. & REN.
15070.2
10411.0
6461.0
10747.0
7000.0
9500.0
1985
1986
1987
1988
1989
1990
YEARS
Universities Grants Commission


UNIVERSITIES TUITION REVENUE
COMPARED TO OPERATING EXPENDITURES
AS AT MARCH 31
DOLLARS (000)
300000
271500
243000
214500
186000
157500
129000
100500
72000
43500
15000
189865
24421
195006
25625
206055
26821
225789
29690
227042
32486
237505
36844
1985
1986
1987
1988
1989
1990
YEARS
EXPEND.
TUITION
Universities Grants Commission

CHAPTER VIII

INSTITUTIONAL STAFF

1. Academic Staff

(a) Full-Time

For 1989-90, the universities and Collège universitaire de Saint-Boniface were asked to report the numbers of full-time staff paid from their operating funds. The table below summarizes the reports received. The University of Manitoba's count includes split appointments, i.e. full-time staff paid from both operating and non-operating (e.g. research) funds.

	Deans/Full Professors	Associates	Assistants	Lecturers	Others	Total
University of Manitoba	592	429	250	26	45	1,342
University of Winnipeg	65	62	40	1	32	200
Brandon University	27	43	53	8	27	158
Collège universitaire de Saint-Boniface	6	20	12	3	8	49
Total [i]	690	554	355	38	112	1,749

(b) Part-Time

The institutions also reported the part-time staff paid from operating funds for 1989-90.

	Deans/Full Professors	Associates	Assistants	Lecturers	Others	Total
University of Manitoba	21	29	59	199	63	371
University of Winnipeg	10	13	0	3	6	32
Brandon University	1	4	0	1	5	11
Collège universitaire de Saint-Boniface	0	3	13	15	1	32
Total [ii]	32	49	72	218	75	446

2. Support Staff

For 1989-90, the institutions were asked to report the numbers of full-time and part-time support staff paid from their operating funds. The following table summarizes the institutions' responses:

	Full-Time	Part-Time
University of Manitoba	1,657	69
University of Winnipeg	254	260*
Brandon University	177	33
Collège universitaire de Saint-Boniface	57	54
Total [iii]	2,145	416

Notes

(i) An additional 115 full-time academic staff were paid from non-operating funds.

(ii) An additional 34 part-time academic staff were paid from non-operating funds.

(iii) An additional 362 support staff were paid from non-operating funds.

* This figure includes 246 Temporary & Casual Part-Time and varies greatly on the time of the year.

CHAPTER IX

CAPITAL PROJECTS

University of Manitoba

There was one major capital project undertaken at the University of Manitoba during the 1989-90 fiscal year.

Faculty of Dentistry

The major capital project for the Faculty of Dentistry was composed of two parts the construction of a 10,000 square foot addition and the major renovation of existing space.

The new addition will house office, a 70 seat lecture theatre, and a new waiting room. The renovated areas will include new labs, a radiology area, oral surgery suites, orthodontics clinic, study carrels, and a locker and lounge area.

The most dramatic changes will be evident in the patient clinic where dental and dental hygiene students treat over 2,500 patients (16,000 visits annually). The space in each of the 65 treatment bays will be almost doubled to better accommodate modern "four handed" dentistry, where dental care is performed in a sitting position, and the dental assistant plays a larger role in the treatment.

Major replacement and renovations

The hot water heating system piping in Robson Hall which had corroded beyond repair, causing damage to library books, computers and interior walls, was replaced.

The Continuing Education Building was renovated to provide much needed space for the Safety Office, Internal Audit and the Private Funding office.

The concrete floor in the lower level of the Dafoe Library, "Greenhouse Cafe", collapsed in several areas. Replacement of the entire floor area was required.

During 1989/90 the University of Manitoba received a request by Workplace Safety and Health to replace the internal ladder in the powerhouse smoke stack with a permanent external ladder installation. In addition a rain cap was installed on the large stack in order to reduce costly internal stack damage and maintenance.

Several city water and chilled water underground lines had to be repaired during the year due to breaks caused by shifting ground and deterioration of the cement asbestos composition pipe material.

The above mentioned projects were funded by the Universities Grants Commission.

In addition, a link between the Max Bell Centre and Continuing Education was completed and storm sewer rehabilitation, to eliminate all storm and sanitary sewer cross-overs, was carried out using external funding.

University of Winnipeg

Handicapped Access

Construction of an elevator in Graham Hall was carried out as part of the University's ongoing plans to increase accessability to the campus. Disabled students can now enter the University directly off Spence Street gaining ready access to all but a few areas on campus.

Refurbished Office & Classroom space

With the final phasing out of residences, Graham Hall is being redeveloped into academic office areas with modern

mechanical and electrical systems.

During the summer of 1989, classrooms on one floor of Manitoba Hall were upgraded, including replacement of classroom furnishings and improvements to the mechanical system. This was the first step in the long range plan to upgrade teaching facilities on campus.

These projects were funded by the Manitoba Universities Development Fund.

Brandon University

Steam Plant

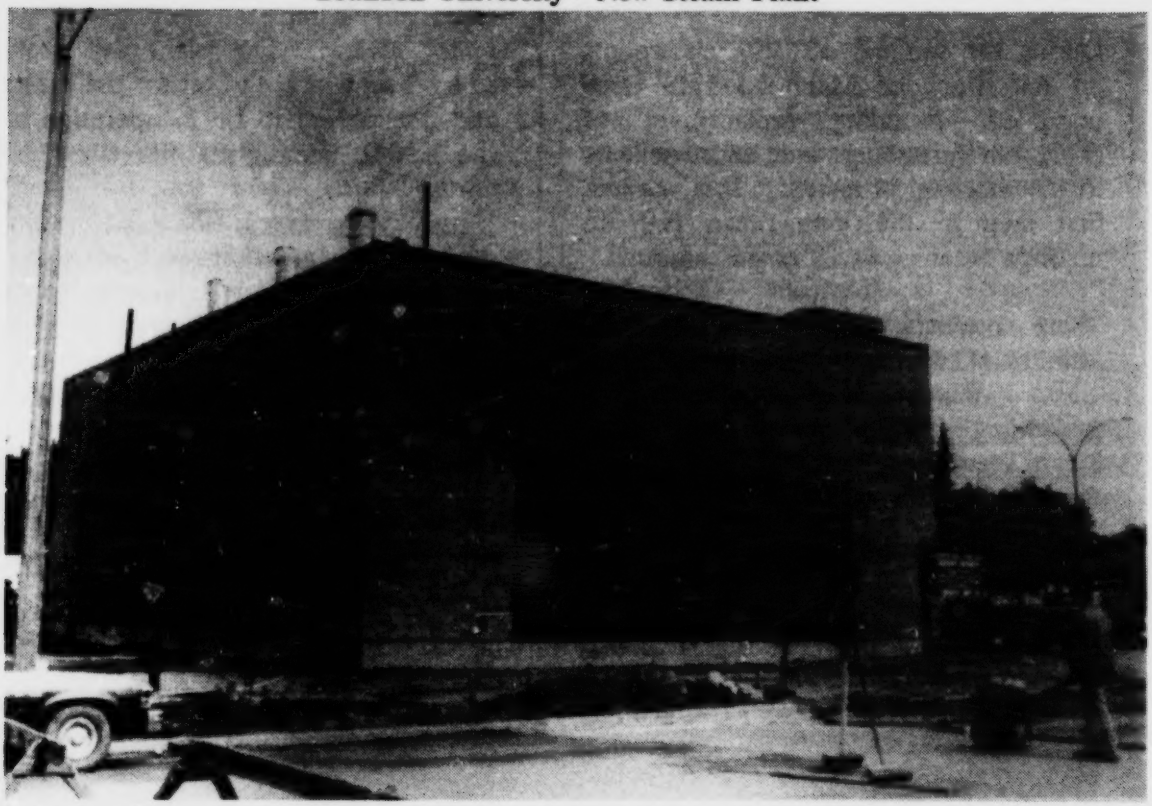
Construction of a new $1.5 million steam plant was commenced and essentially completed during the year under review. The plant will provide steam heat and hot water for the campus, and is expected to be in operation with the 1990-91 heating season.

Handicapped Access

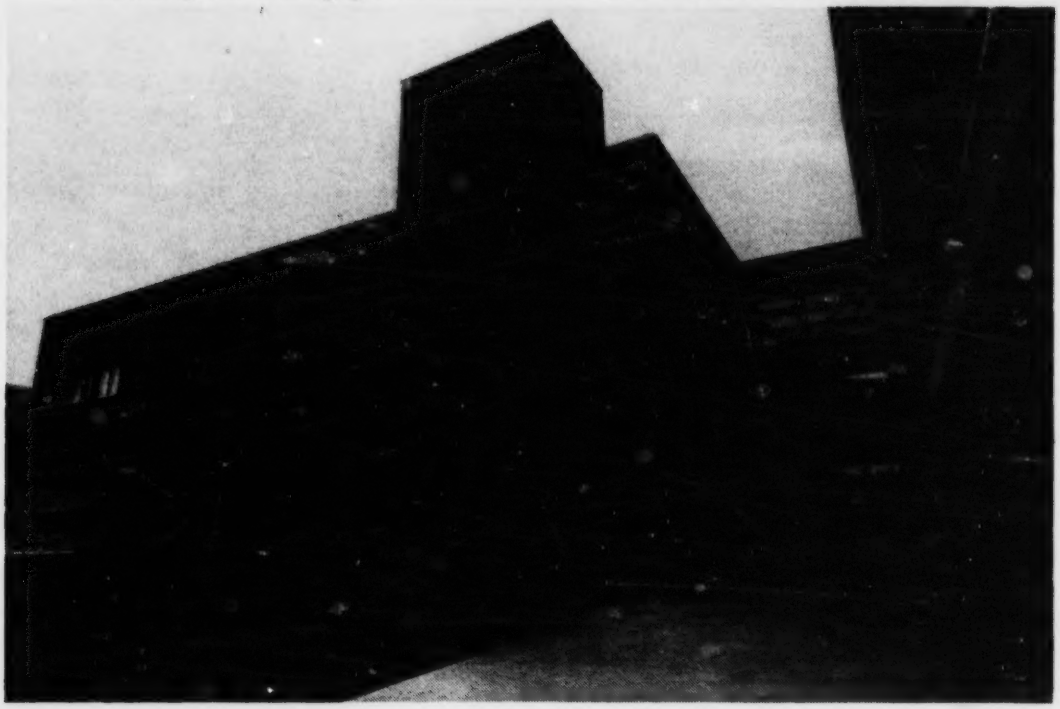
As part of an on-going program to improve handicapped access to the campus, the University completed two access ramps, one to the Education Building and one to the Student Services Building.

Brandon University - Handicap Access Ramp - Student Services Building

Brandon University - New Steam Plant

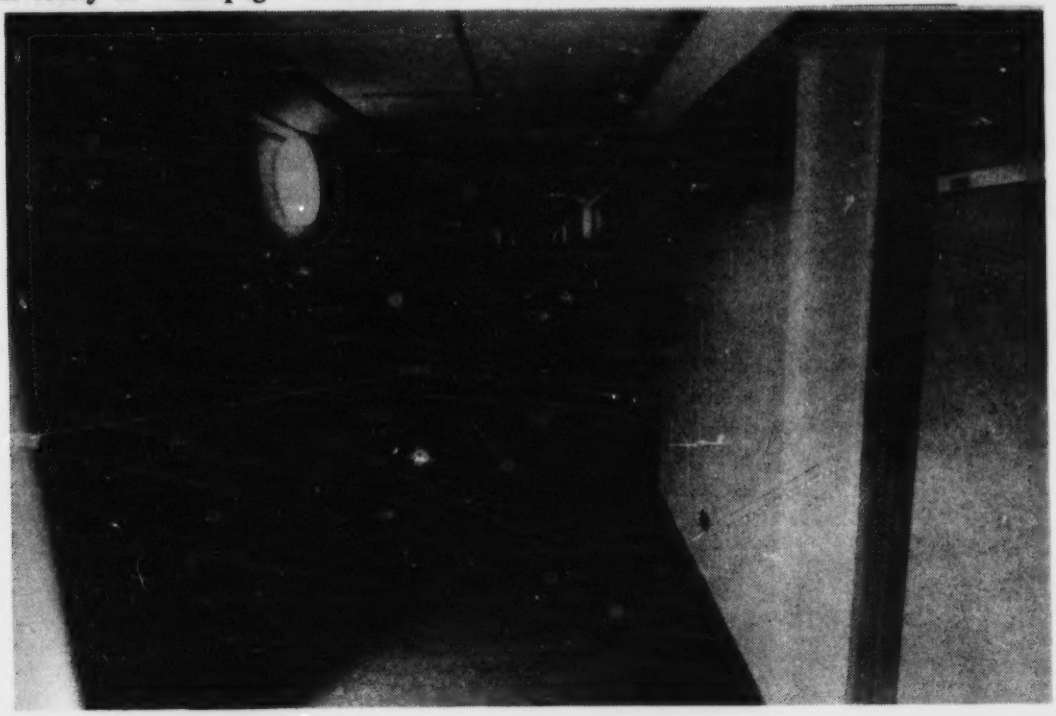


University of Winnipeg - Graham Hall - New disabled access elevator.



University of Winnipeg - Graham Hall - Mechanical & Electrical System renovations.

University of Winnipeg - Graham Hall - Mechanical & Electrical system completed.



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APPENDICES

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APPENDIX "A"

Academic Programs by Institution,

Institutes, Research Units and other Academic

Administrative Units, 1989-90

APPENDIX "A"

ACADEMIC PROGRAMS BY INSTITUTION
1989-90

UM - University of Manitoba (Including St. Paul's & St. John's College)
UW - University of Winnipeg (Including Menno Simons College)
BU - Brandon University
SB - Collège universitaire de Saint-Boniface[A]

		DEGREE									
		Undergraduate			Graduate[C]		Diploma		Certificate		
Faculty and/or School	Program[B] (Subject/Field and/or Department)	Honours or Specialty (4 years or more)	Major or Specialty (3 Years Normally)	Minor	Masters	Ph.D.	Under-graduate	Graduate	Undergraduate	Graduate	Other
Agriculture	Agriculture,						UM				BU (1st Year)
	Agriculture Economics & Farm Management,	UM			UM	UM					
	Agricultural Science,	UM									
	Animal Science,	UM			UM	UM					
	Dairying,						UM				
	Entomology,	UM			UM	UM					
	Food & Nutritional Sciences,[1]					UM[18]					
	Food Science,	UM			UM						
	Plant Science,	UM			UM	UM					
	Soil Science,	UM			UM	UM					
Architecture and Interior Design	Architecture,				UM						
	City Planning,				UM						
	Environmental Studies,		UM								
	Interior Design,	UM									
	Landscape Architecture,				UM						
	Public Affairs,[1,12]				UM						
Arts & Science[26]	Actuarial & Management Sciences,[1]	UM			UM						
	Administrative Studies,		UW	BU							
	Anthropology,	UM,UW,BU	UM[14],UW[16],BU,SB	UM,BU,SB	UM	UM					
	Applied Economics Option,	UM,	UM[14]								
	Applied Mathematics,	UM[13]	UM[14],UW[16]	UM	UM						
	Art History,	UM,UW	UM,UW	UM							BU (Fine Arts)
	Asian Studies,[1]			UM							
	Astronomy,		UM[14,19]								
	Biology,	UW	UW								
	Biochemistry,[1]	UM[15]									
	Botany,	UM,BU	UM[14],BU	UM,BU	UM[20]	UM					

Arts & Science[26] (cont'd)	Business Administration		BU	BU								
	Canadian Studies,[1]	UM,UW	UM,UW[16],BU,SB	UM,SB								
	Chemistry,	UM,UW,BU,SB	UM[14],UW,BU,SB	UM,BU,SB	UM	UM						
	Classics											
	i Classical Studies,	UM[14],UW[16]	UM									
	ii Civilization,	UW	UW[16]									
	iii Latin,	UM,UW	UM,UW[16]	UM,BU	UM	UM						
	iv Greek,	UM		UM	UM							
	Computer Science,	UM[21],BU	UM[14],BU	UM,BU	UM	UM						
	Criminology,		UM									
	Developmental Studies,		UW									
	Drama,[1]			BU								
	Ecology,[1]	UM[15]										
	Economics,	UM,UW,BU	UM[14],UW[16],BU	UM,BU	UM	UM						
	English,	UM,UW,BU	UM[14],UW[16],BU,SB	UM,BU,SB	UM	UM						
	Environmental Studies,[1,3]		UW									
	Film,[1]		UM[14]	UM								
	Francais,	SB	SB	SB								
	French,	UM,UW,BU	UM,UW[16],BU	UM,BU	UM	UM						
	Genetics,[1]	UM										
	Geography,	UM,UW,BU	UM[14],UW[16],BU,SB	UM,BU,SB	UM	UM						
	Geological Science,[2]	UM,BU	UM[14],BU	UM,BU	UM	UM						
	German,	UM,UW	UM[14],UW[16]	UM,BU	UM							
	History,[12]	UM,UW,BU	UM[14],UW[16],BU,SB	UM,BU,SB	UM,UW	UM						
	Icelandic,	UM	UM	UM	UM							
	Justice & Law Enforcement,		UW									
	Labour Studies,[1]		UM[14]	UM								
	Latin American Studies,[1]			UM								
	Linguistics,[1]	UM	UM	UM	UM	UM						
	Mathematics,	UM[27],UW,BU	UM[14],UW[16],BU,SB	UM,BU,SB	UM	UM						
	Medieval Studies,[1]			UM								
	Medieval & Renaissance Studies,[1]		UM[14]									
	Microbiology,	UM,SB	UM[14],SB	UM,SB	UM[29]	UM						
	Molecular Biology,[1]		UW									
	Music,	BU	UM[17],UW[9],BU	BU								
	Native Studies											
	i Native Studies,	BU	UM,BU	UM,BU								
	ii Native Languages,			UM,BU								
	Near Eastern & Judaic Studies											
	i Near Eastern & Judaic Civilization,		UM[14]	UM								
	ii Yiddish,			UM								
	Nursing and Health Studies,		BU[28]									
	Philosophy,	UM,UW,BU	UM[14],UW[16],BU,SB	UM,BU,SB	UM							
	Physical Geography,	UW	UW									
	Physics,	UM,UW,BU	UM[14],UW,BU	UM,BU	UM	UM						

APPENDIX "A"

ACADEMIC PROGRAMS BY INSTITUTION
1989-90

UM - University of Manitoba (Including St. Paul's & St. John's College)
UW - University of Winnipeg (Including Menno Simons College)
BU - Brandon University
SB - Collège universitaire de Saint-Boniface[A]

		DEGREE									
		Undergraduate			Graduate[C]		Diploma		Certificate		
Faculty and/or School	Program[B] (Subject/Field and/or Department)	Honours or Specialty (4 years or more)	Major or Specialty (3 Years Normally)	Minor	Masters	Ph.D.	Under-graduate	Graduate	Undergraduate	Graduate	Other
Arts & Science[26] (cont'd)	Political Studies or Science,	UM,UW,BU	UM[14],UW[16],BU,SB	UM,BU,SB	UM						
	Psychology,	UM,UW,BU	UM[14],UW,BU,SB	UM,BU,SB	UM	UM					
	Public Affairs,[1,12]				UM,UW						
	Regional Studies,[1]		BU								
	Religion,[12]	UM,BU	UM[14],UW[16],BU,SB	UM,BU,SB	UM,UW						
	Slavic Studies										
	i Polish,			UM							
	ii Russian,	UM	UM[14]	UM	UM						
	iii Ukrainian,	UM	UM[14]	UM	UM						
	Sociology,	UM,UW,BU	UM[14],UW[16],BU,SB	UM,BU,SB	UM	UM					
	Soviet & East European Studies,[1]	UM	UM[14]	UM							
	Spanish,		UM[14]	UM							
	Statistics,	UM	UM[14],UW	UM	UM	UM					
	Theatre,[1]			UM							
	Theatre & Dramatic Studies,	UW	UW	BU							
	Translation,	SB							SB		
	Ukrainian Canadian Heritage Studies,[1]		UM[14]	UM							
	Urban Studies,[1]		UW	UM							
	Women's Studies,[1]		UM,UW	UM							
	Zoology,	UM,BU	UM[14],BU	UM,BU,SB	UM[20]	UM					
Dentistry[4]	Dental Medicine,	UM									
	Dental Science,				UM						
	Oral Biology,				UM	UM					
	Oral & Maxillo-facial surgery,							UM			
	Orthodontics,				UM						
	Periodontics,							UM			
	Prosthodontics,							UM			
Dental Hygiene Education	Dental Hygiene, Education,	UM,UW[5],BU,SB[6]	UW[5],BU,SB[6]		UM,SB, BU	UM	UM		UM,UW[5],BU,SB		

Education	Educational Administration & Foundations,					UM	UM					
Engineering	Agricultural,	UM				UM	UM					
	Civil,	UM				UM	UM					
	Computer,	UM										
	Electrical,	UM				UM	UM					
	Geological,	UM										
	Industrial,	UM										
	Mechanical,	UM				UM	UM					
Art	Art History,	UM	UM									
	Fine Arts,	UM	UM					UM				
General Studies												BU[6]
Human Ecology	Comprehensive,	UM										
	Clothing & Textiles,	UM				UM						
	Family Studies,	UM				UM						
	Foods & Nutrition,	UM				UM						
	Food & Nutritional Sciences,[1]						UM[18]					
Law	Law,	UM				UM						
Management	Administrative Studies,				UM[17]							
	Accounting &/or Finance,	UM				UM						
	Actuarial & Management Sciences,[1]	UM				UM						
	Business Administration,	UM				UM						
	Marketing,	UM				UM						
	Public Policy,	UM				UM						
Medicine[7]	Anatomy,	UM				UM	UM					
	Anaesthesia,	UM										
	Biochemistry,[1]	UM				UM	UM[1]					
	Community Health Sc.					UM	UM					
	Family Medicine,	UM										
	Immunology,	UM				UM	UM					
	Internal Medicine,	UM				UM						
	Medical Microbiology,	UM				UM	UM					
	Obstetrics, Gynaecology & Reproductive Sciences,	UM										
	Ophthalmology,	UM										
	Otolaryngology,	UM										
	Pathology,	UM				UM						
	Pediatrics & Child Health,	UM				UM						
	Pharmacology & Therapeutics,	UM				UM	UM					
	Physiology,	UM				UM	UM					
	Psychiatry,	UM				UM						
	Radiology,	UM										
	Social & Preventative Medicine,	UM										
	Surgery,	UM				UM						

APPENDIX "A"

ACADEMIC PROGRAMS BY INSTITUTION
1989-90

UM - University of Manitoba (Including St. Paul's & St. John's College)
UW - University of Winnipeg (Including Menno Simons College)
BU - Brandon University
SB - Collège universitaire de Saint-Boniface[A]

Faculty and/or School	Program[B] (Subject/Field and/or Department)	DEGREE: Undergraduate: Honours or Specialty (4 years or more)	DEGREE: Undergraduate: Major or Specialty (3 Years Normally)	DEGREE: Undergraduate: Minor	DEGREE: Graduate[C]: Masters	DEGREE: Graduate[C]: Ph.D.	Diploma: Undergraduate	Diploma: Graduate	Certificate: Undergraduate	Certificate: Graduate	Other
Medical Rehabilitation	Physical Therapy,[23]	UM									
	Occupational Therapy,[23]	UM									
Music	Music,	UM,BU	UM[11]	UM[11]	BU						
Natural Resources Institute	Natural Resources Management,[1]				UM						
Nursing[24]	Nursing,	UM			UM						
Pharmacy	Pharmacy,	UM			UM	UM[25]					
Physical Education & Recreation Studies	Physical Education,		UM								
	Recreation Studies,	UM									
Social Work	Social Work,	UM			UM						
Theology	Theology,[10]	UW			UW						

ACADEMIC PROGRAMS BY INSTITUTION

NOTES

A. The Collège universitaire de Saint-Boniface is affiliated with the University of Manitoba. CUSB students may transfer CUSB credits to U.M. programs and vice-versa.
B. Many "sub-specialties" or "areas of concentration" exist within the various programs or specialty categories. For more details on these, consult the individual institutions.
C. Graduate degrees are not normally granted with designation as to any specialty. Post-Graduates, for example, in the Faculty of Medicine, can be awarded a M.Sc. and/or a Ph.D. (after undergraduate study) for concentration of research and study in any of the fields indicated.

1. Inter-disciplinary Program or Cross-Disciplinary Program.
2. Geological Sciences includes Geology, Geophysics, Crystallography, etc.
3. Environmental Studies Program is administered by Faculty of Architecture. At. U.W. and B.U. the programs are in the Faculties of Arts and Science. (Note: The programs are not similar).
4. First degree awarded in Dentistry is a general degree covering all subjects. Post-graduate degrees are available with specialty in the Departments or subjects indicated.
5. The University of Winnipeg and the University of Manitoba have a co-operative four-year program in education in which the final year is taken at U.M or CUSB. Students obtain their degree from the institution at which they take the majority of this work.
6. CUSB's Faculty of Education offers teacher-training programs in the French language leading to the appropriate academic qualifications being granted by the University of Manitoba.
7. First degree of Doctor of Medicine is general covering all subjects. B.Sc. (Med.) may also be awarded in departments or subjects so indicated. Graduate degrees are awarded in departments indicated.
8. Brandon University grants a Bachelor of General Studies degree (B.G.S.) which is an unstructured program (students can select from all course offerings).
9. University of Winnipeg offers a major in Music in the B.A. program through its affiliation with the Mennonite Brethren College of Arts, where the Music courses are taught.
10. St. John's College has the constitutional authority to prepare candidates for the ordained ministry of the Anglican Church. This normally involves a three year program, leading to a Master of Divinity degree.
11. Major in Music is for B.Ed. students in Faculty of Education, minor is for any student not in the School of Music, whose faculty/school allows a minor program.

12. Masters Programs in History, Religion and Public Administration are Joint Masters Programs between the Universities of Manitoba and Winnipeg.
13. Available as an honours degree in Applied Mathematics or as a joint honors program with Statistics.
14. Three year General and four year Major programs are available in these subject areas at the University of Manitoba.
15. Offered as a joint 4 year major or a Joint Honors program.
16. Three year General and four year Major programs are available in these subject areas at the University of Winnipeg.
17. The minor is offered to students whose faculty/school allows a minor program.
18. This Inter-disciplinary Ph.D. program is offered through Foods & Nutrition (Human Ecology), Animal Science, Food Science and Plant Science (Agriculture).
19. Joint program with Department of Mathematics.
20. Biological Sciences Division offers a Master's program in Physical Biology.
21. A cooperative option is available within the Honours programs.
22. Including the Education/Human Ecology, U of M/RRCC integrated programs.
23. Including 1-year program for those already holding a recognized diploma.
24. Modified 2-year program available for registered nurses.
25. Ph.D. program offered in conjunction with the Department of Chemistry.
26. At the University of Manitoba minors in the Faculty of Science offered for Faculty of Arts students only. Faculty of Science students may choose a three year general program which does not specify a major department.
27. Available as an honours degree in Mathematics or as a joint honours program with Physics, Statistics, or Actuarial and Management Sciences.
28. Modified two year post-diploma degree program for registered nurses leads to the degree of B.Sc.(Nursing) or the degree of B.Sc.(Mental Health) for registered Psychiatric Nurses.

INSTITUTES, INTERDISCIPLINARY RESEARCH UNITS, AND OTHER ACADEMIC UNITS.

UNIVERSITY OF MANITOBA

1. Canada Biting Fly Centre
2. Centre on Aging
3. Centre for Accounting Research and Education
4. Centre on International Business Studies
5. Centre for Precambrian Studies.
6. Centre for Research in Higher Education Management
7. Centre for Ukrainian Canadian Studies
8. Committee on Human Development
9. Computer Centre
10. Festhersonhaugh High Voltage Laboratory
11. Glenlea Experimental Station
12. Institute for Applied and Professional Ethics.
13. Institute of Cell Biology
14. Institute for Technological Development
15. Jesuit Centre for Faith Development and Values (St. Paul's College)
16. Legal Research Institute
17. Manitoba Nursing Research Institute
18. Medieval and Renaissance Guild
19. Natural Resources Institute
20. Northern Medical Unit
21. Northern Studies Committee
22. Psychological Service Centre
23. Road Safety Research Unit
24. Solomon Sinclair Farm Management Institute
25. Sports and Exercise Science Research Institute
26. Star Lake Field Station
27. Taiga Biological Station
28. Transportation Institute
29. University of Manitoba Accelerator Centre
30. University Field Station (Delta Marsh)
31. Wallace Lake Field Station

UNIVERSITY OF WINNIPEG

1. Institute of Urban Studies.
2. Interfaith Pastoral Institute.
3. Rupert's Land Research Centre.
4. Mennonite Studies Centre.
5. Manitoba Multicultural Resources Centre.
6. Western Canada Pictorial Index.
7. Child Studies Centre.

COLLÈGE UNIVERSITAIRE DE SAINT-BONIFACE

1. Centre de recherche
2. Centre d'études franco-canadiennes de l'Ouest
3. Institut Joseph-Dubuc
4. Centre de rédaction
5. École technique et professionnelle

BRANDON UNIVERSITY

1. Rural Development Institute

APPENDIX "B"

Inter-Universities North Program, 1989-90

APPENDIX "B"

INTER-UNIVERSITIES NORTH

Department	Title	Course Number	Sponsoring University
Churchill			
Native Studies*	Natives and the Justice System	68.297	Brandon
Sociology*	Introduction to Sociology	77.120	Manitoba
Cross Lake			
Anthropology	Ways of Mankind	76.102	Manitoba
Flin Flon			
Biology*	Biology and Human Concerns	05.1102-1	Winnipeg
Education	Psychology of Exceptional Children	43.518	Manitoba
English	Introduction to Canadian Literature	30.162	Manitoba
Sociology*	Selected Social Problems	77.231	Manitoba
Social Work	Introduction to Social Work	47.203	Manitoba
Garden Hill			
Anthropology	Ways of Mankind	76.102	Manitoba
Psychology	Introductory Psychology	44.1000-1	Winnipeg
Gillam			
Education	Children's and Young People's Literature	01.331	Brandon
God's Lake Narrows			
Native Studies	Native Law	68.282	Brandon
Leaf Rapids			
History*	An introduction to the History of Western Civilization	11.120	Manitoba
Norway House			
Education*	Personnel Administration in Education	116.504	Manitoba
Sociology	Introduction to Sociology	50.1101-1	Winnipeg
Red Sucker Lake			
Native Studies*	Natives and the Justice System	68.297	Brandon
St. Theresa Point			
Education*	Introduction to Educational Administration	116.501	Manitoba
Education*	Personnel Administration in Education	116.504	Manitoba

APPENDIX "B"

INTER-UNIVERSITIES NORTH

Department	Title	Course Number	Sponsoring University
Sundance			
Psychology*	Behaviour Modification Principles	17.244	Manitoba
Psychology*	Behaviour Modification Applications	17.245	Manitoba
The Pas			
Education	Children's and Young People's Literature	01.331	Brandon
Geography	World Regional Geography	38.179	Brandon
Political Science	Introduction to Political Science	41.1101-1	Winnipeg
Psychology	Introduction to Psychological Research	17.225	Manitoba
Psychology	Introduction to Research Methods in Psychology	17.226	Manitoba
Thompson			
Economics	Introduction to Economics	14.1101-1	Winnipeg
English	Introduction to Canadian Literature	30.162	Brandon
English	Writing Across the Disciplines	17.2181-5	Winnipeg
Non-Department	Introduction to Financial Accounting	99.151	Brandon
Non-Department	Introduction to Women's Studies: Issues in Feminism	99.261	Brandon
Phys.Ed./Rec.St.	Concepts of Recreation and Leisure	123.140	Manitoba
Psychology	Introductory Psychology	44.1000-1	Winnipeg
Psychology*	Introduction to Psychology	17.120	Manitoba
Psychology	Drugs and Behaviour	44.2920-5	Winnipeg
Sociology*	Selected Social Problems	77.231	Manitoba
Sociology	The Family	77.246	Manitoba
Sociology	Introduction to the Sociology of Crime & Deviant Behaviour	50.2107-5	Winnipeg
Sociology	Sociology of Juvenile Delinquency	50.3201-5	Winnipeg
Statistics	Statistical Analysis	5.220	Manitoba

*Teleconference

APPENDIX "C"

Enrolment Statistics

APPENDIX "C"

TABLE I

Full-Time Undergraduate Enrolment by Faculty

	1985-86	1986-87	1987-88	1988-89	1989-90
University of Manitoba					
Agriculture	597	559	531	500	496
Architecture	375	357	312	293	311
Art, School of	214	197	228	221	206
Arts	3,349	3,225	3,700	4,110	4,194
Dental Hygiene	40	40	38	39	29
Dentistry	118	117	112	107	104
Education	1,135	1,193	1,260	1,252	1,283
Engineering	1,173	1,138	1,029	1,062	1,052
Human Ecology	488	503	495	512	475
Law	251	255	247	249	263
Management	1,212	1,247	887	842	924
Medical Rehabilitation	136	136	148	140	142
Medicine	383	374	351	348	350
Music	55	69	72	67	60
Nursing	244	235	237	238	241
Pharmacy	100	109	103	107	121
Phys.Ed./Rec.St.	254	271	261	270	269
Science	2,497	2,237	2,085	2,037	2,035
Social Work	245	230	240	235	223
Other	0	2	13	5	6
Sub-Total	12,866	12,494	12,349	12,634	12,784
University of Winnipeg					
Arts	1,860	1,915	1,904	1,745	1,627
Science	735	694	674	617	514
Education	347	365	348	336	280
Other	27	20	27	22	16
Sub-Total	2,969	2,994	2,953	2,720	2,437
Brandon University					
Arts	403	388	346	353	371
Education	306	331	345	454	509
General Studies	91	109	90	88	103
Music	113	123	106	84	97
Science	444	347	300	291	294
Other	0	0	0	0	0
Sub-Total	1,357	1,298	1,187	1,270	1,374
Collège universitaire de Saint-Boniface					
Arts	98	100	130	142	164
Education	208	236	236	221	210
Science	35	36	44	45	50
Other	2	0	0	0	0
Sub-Total	343	372	410	408	424
TOTAL	**17,535**	**17,158**	**16,899**	**17,032**	**17,019**

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TABLE II

Full-Time Graduate Students by Faculty and Degree Level

	1985-86		1986-87		1987-88		1988-89		1989-90	
	Masters[a]	Ph.D.[b]	Masters[a]	Ph.D.[b]	Masters[a]	Ph.D.[b]	Masters[a]	Ph.D.[b]	Masters[a]	Ph.D.[b]
University of Manitoba										
Agriculture	135	52	139	55	144	44	130	40	131	34
Architecture	173	--	178	--	191	--	211	--	231	--
Arts	314	154	298	169	276	160	269	167	300	157
Dentistry	19	--	17	1	15	1	13	1	15	2
Education	148	1	153	4	157	3	72	1	75	3
Engineering	159	77	133	86	131	78	111	82	113	90
Human Ecology	47	1	48	--	49	--	47	--	45	--
Law	2	--	1	--	2	--	2	--	2	--
Management	100	--	109	--	108	--	97	--	115	--
Medical Rehab.	--	--	--	--	--	--	--	--	1	--
Medicine	63	58	61	63	64	61	76	59	73	74
Natural Resources	49	--	44	--	42	--	36	--	41	--
Nursing	14	--	16	--	25	--	30	--	27	--
Pharmacy	5	--	5	--	4	--	3	--	2	--
Physical Education	11	--	15	--	11	--	19	--	19	--
Science	211	94	221	94	180	82	154	92	144	104
Social Work	23	--	19	--	23	--	26	--	22	--
Other	2	17	9	22	10	26	10	28	8	37
Joint Programs[c]	67	--	86	--	76	--	72	--	75	--
	1,542	454	1,552	494	1,508	455	1,378	470	1,364	501
Brandon University										
Music	0	--	1	--	0	--	0	--	0	--
Collège universitaire de Saint - Boniface										
Education	0	--	1	--	2	--	1	--	1	--
TOTAL	1,996		2,048		1,965		1,849		1,866	

a. Masters includes: Pre-Masters, Occasional and Graduate Diploma Students.

b. Dashes indicate Faculties where no Ph.D. program is offered.

c. Students registered in four joint masters programs offered by the University of Manitoba and the University of Winnipeg. Three of these programs were begun in September, 1976. The other was begun in September, 1978.

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TABLE III

Part-Time Enrolment by Faculty
(Does Not Include Summer Sessions)

	1985-86	1986-87	1987-88	1988-89	1989-90
University of Manitoba					
Agriculture	177	190	178	177	164
Architecture	109	140	138	117	105
Art, School of	164	157	142	149	143
Arts	3,647	3,762	3,345	3,410	3,747
Dental Hygiene	14	12	13	12	22
Dentistry	3	4	4	4	3
Education	1,522	1,447	1,519	1,506	1,505
Engineering	186	153	179	130	181
Human Ecology	162	177	178	159	189
Law	6	7	6	11	12
Management	363	349	346	400	381
Medical Rehabilitation	12	12	21	17	13
Medicine	31	45	39	31	54
Music	35	32	23	28	23
N.R.I.	9	10	7	9	10
Nursing	166	239	281	340	400
Pharmacy	41	44	42	36	29
Phys.Ed./Rec.St.	164	143	167	140	151
Science	648	694	647	604	693
Social Work	195	240	213	188	212
Other	186	226	626	713	702
Sub-Total	7,840	8,083	8,114	8,181	8,739
University of Winnipeg					
Arts	3,272	3,469	3,534	3,492	3,694
Science	450	478	483	523	533
Education	265	260	255	290	262
Other	252	247	227	199	212
Sub-Total	4,239	4,454	4,499	4,504	4,701
Joint Masters Programs					
Sub-Total	75	52	53	52	52
Brandon University					
Arts	431	461	480	512	530
Education	341	344	405	433	414
General Studies	293	233	242	316	326
Music	25	43	35	33	35
Science	345	439	420	377	423
Other	0	0	0	0	0
Sub-Total	1,435	1,520	1,582	1,671	1,728
Collège universitaire de Saint-Boniface					
Arts	104	82	84	78	87
Education	129	140	122	126	131
Science	6	7	13	7	13
Other	6	5	10	50	35
Sub-Total	245	234	229	261	266
TOTAL	**13,834**	**14,343**	**14,477**	**14,669**	**15,486**

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TABLE IV

Regular Session Enrolment by Faculty and Sex* 1989-90

	Full-Time			Part-Time		
	Male	Female	Total	Male	Female	Total
University of Manitoba						
Agriculture	459	202	661	115	49	164
Architecture	313	229	542	36	69	105
Art, School of	95	111	206	42	101	143
Arts	2,267	2,384	4,651	1,714	2,033	3,747
Dental Hygiene	0	29	29	1	21	22
Dentistry	84	37	121	1	2	3
Education	350	1,011	1,361	386	1,119	1,505
Engineering	1,137	118	1,255	162	19	181
Human Ecology	29	491	520	11	178	189
Law	150	115	265	3	9	12
Management	631	408	1,039	240	141	381
Medical Rehabilitation	23	120	143	3	10	13
Medicine	307	190	497	14	40	54
Music	21	39	60	14	9	23
N.R.I.	32	9	41	7	3	10
Nursing	15	253	268	16	384	400
Pharmacy	58	65	123	13	16	29
Phys.Ed./Rec.St.	120	168	288	78	73	151
Science	1,421	862	2,283	440	253	693
Social Work	54	191	245	46	166	212
Other	30	21	51	265	437	702
Sub-Total	7,596	7,053	14,649	3,607	5,132	8,739
University of Winnipeg						
Arts	734	893	1,627	1,353	2,341	3,694
Science	297	217	514	331	202	533
Education	67	213	280	57	205	262
Other	8	8	16	98	114	212
Sub-Total	1,106	1,331	2,437	1,839	2,862	4,701
Brandon University						
Arts	170	201	371	201	329	530
Science	155	139	294	152	271	423
Education	162	347	509	112	302	414
Music	29	68	97	14	21	35
General Studies	60	43	103	108	218	326
Sub-Total	576	798	1,374	587	1,141	1,728
Collège universitaire de Saint-Boniface						
Arts	52	112	164	29	58	87
Science	26	24	50	7	6	13
Education	62	149	211	41	90	131
Other	--	--	--	13	22	35
Sub-Total	140	285	425	90	176	266
TOTAL	9,418	9,467	18,885	6,123	9,311	15,434

* Does not include Joint Masters students.

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TABLE V

Origins of Full-Time Canadian Students **1988-89**

	B.C.	Alta.	Sask.	Ont.	P.Q.	N.B.	P.E.I.	N.S.	Nfld.	Territories	Other	Total
University of Manitoba												
Agriculture	2	0	2	4	0	0	0	0	0	0	0	8
Architecture	17	46	44	23	4	0	0	1	0	0	1	136
Art, School of	1	4	2	14	0	0	0	0	0	0	1	22
Arts	35	31	43	164	1	5	1	2	3	3	7	295
Dental Hygiene	0	1	1	1	0	0	0	0	0	0	0	3
Dentistry	0	0	1	12	1	0	0	2	0	0	1	17
Education	2	3	16	56	1	1	0	0	0	2	1	82
Engineering	4	2	11	32	0	1	0	0	0	0	0	50
Graduate Studies	30	31	33	79	9	4	2	11	4	3	7	213
Human Ecology	4	3	8	19	0	0	0	0	0	0	1	35
Law	0	6	1	17	3	0	0	0	0	0	1	28
Management	4	2	6	18	3	0	0	0	0	0	0	33
Medical Rehab.	1	3	11	9	0	0	0	0	0	1	1	26
Medicine	1	0	1	5	0	1	0	0	0	0	1	9
Music	0	3	3	4	0	0	0	0	0	0	0	10
Nursing	1	0	1	9	1	0	0	0	0	0	0	12
Pharmacy	0	2	0	14	0	0	0	0	0	0	0	16
Phys.Ed./Rec.St.	3	2	3	13	0	0	0	0	0	0	1	22
Science	8	13	18	87	4	0	0	2	1	2	2	137
Social Work	1	5	7	6	0	0	0	0	0	1	0	20
Other	0	0	0	1	0	0	0	0	0	0	1	2
Sub-Total	114	157	212	587	27	12	3	18	8	12	26	1,176
University of Winnipeg*												
Arts												
Science												
Education												
Other												
Sub-Total	14	16	13	38	1	1	1	1	2	0	0	87
Brandon University												
Arts	2	1	24	7	0	0	0	1	0	0	0	35
Education	1	2	40	28	0	0	0	3	0	2	0	76
General Studies	0	0	5	6	0	0	0	0	0	0	0	11
Music	2	1	14	2	0	0	0	0	0	0	0	19
Science	3	4	13	3	1	0	0	0	0	1	0	25
Sub-Total	8	8	96	46	1	0	0	4	0	3	0	166
Collège universitaire de Saint-Boniface												
Arts	0	3	5	0	5	0	0	0	0	0	1	14
Education	0	1	5	0	10	0	0	0	0	0	0	16
Science	1	0	0	0	0	0	0	0	0	0	0	1
Sub-Total	1	4	10	0	15	0	0	0	0	0	1	31
TOTAL	137	185	331	671	44	13	4	23	10	15	27	1,460

* Faculty breakdown unavailable.

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TABLE VI

Origins of Full-Time Canadian Students **1989-90**

	B.C.	Alta.	Sask.	Ont.	P.Q.	N.B.	P.E.I.	N.S.	Nfld.	Territories	Other	Total
University of Manitoba												
Agriculture	0	1	3	6	0	0	0	0	0	1	1	12
Architecture	16	38	39	25	1	0	0	0	0	0	0	119
Art, School of	0	1	1	16	0	0	0	0	0	1	1	20
Arts	26	28	51	189	5	6	1	7	3	7	13	336
Dental Hygiene	0	0	0	1	0	0	0	0	0	1	0	2
Dentistry	1	0	1	15	2	0	0	1	0	0	1	21
Education	7	6	16	67	0	0	1	0	0	1	0	98
Engineering	5	4	10	27	0	0	0	0	0	0	1	47
Graduate Studies	27	42	37	86	13	4	2	12	1	1	10	235
Human Ecology	4	4	7	19	0	0	0	0	0	0	1	35
Law	2	4	2	18	6	0	0	0	0	0	1	33
Management	1	3	7	28	2	0	0	0	0	1	0	42
Medical Rehab.	1	3	9	8	0	1	0	1	0	1	1	25
Medicine	1	0	0	9	0	1	0	0	0	0	3	14
Music	0	0	4	2	0	0	0	0	0	0	0	6
Nursing	3	1	2	10	1	0	0	0	0	0	0	17
Pharmacy	1	4	0	15	1	0	0	0	0	0	0	21
Phys.Ed./Rec.St.	1	7	3	13	0	0	0	0	0	0	1	25
Science	9	7	19	75	3	0	0	1	2	3	2	121
Social Work	1	5	4	2	0	0	0	0	0	1	0	13
Other	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total	106	158	215	631	34	12	4	22	6	18	36	1,242
University of Winnipeg*												
Arts												
Science												
Education												
Other												
Sub-Total	14	16	13	38	1	1	1	1	2	0	0	87
Brandon University												
Arts	2	3	20	6	0	0	0	1	0	0	0	32
Education	0	1	41	49	1	0	0	1	0	0	0	93
General Studies	2	0	7	2	0	0	0	0	0	0	0	11
Music	3	0	16	1	0	0	0	0	0	0	0	20
Science	3	1	14	4	2	0	0	0	0	0	0	24
Sub-Total	10	5	98	62	3	0	0	2	0	0	0	180
Collège universitaire de Saint-Boniface												
Arts	0	1	6	1	3	0	0	0	0	0	1	12
Education	0	1	4	1	13	0	0	0	0	0	0	19
Science	0	0	1	0	1	0	0	0	0	0	0	2
Sub-Total	0	2	11	2	17	0	0	0	0	0	1	33
TOTAL	**130**	**181**	**337**	**733**	**55**	**13**	**5**	**25**	**8**	**18**	**37**	**1,542**

* Faculty breakdown unavailable.

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TABLE VII

Origins of Full-Time Foreign Students* **1988-89**

	U.S.A.	Other Americas	U.K. & Eire	Other Europe	Africa	Hong Kong	Other Asia	Middle East	Oceania	Other	Total
University of Manitoba											
Agriculture	1	3	2	12	8	12	7	0	1	0	45
Architecture	3	2	0	3	0	6	4	1	0	0	19
Art, School of	5	1	3	1	0	3	0	0	0	0	13
Arts	31	15	24	27	6	80	36	1	0	4	224
Dental Hygiene	0	0	0	0	0	0	1	0	0	0	1
Dentistry	1	0	1	1	1	1	1	1	0	1	8
Education	6	5	10	6	4	5	9	0	0	2	47
Engineering	4	9	3	16	8	71	51	3	0	0	165
Graduate Studies	43	19	17	64	71	55	214	15	1	1	500
Human Ecology	3	2	2	10	0	19	1	0	0	0	37
Law	3	0	1	0	0	0	1	0	0	0	5
Management	3	2	2	10	2	40	9	0	1	0	69
Medical Rehab.	2	0	1	1	0	0	0	0	0	0	4
Medicine	3	0	0	2	0	1	1	0	0	7	14
Music	0	0	0	1	0	0	2	0	0	0	3
Nursing	2	1	0	2	1	3	2	1	0	0	12
Pharmacy	1	0	1	1	0	2	4	0	0	0	9
Phys.Ed./Rec.St.	2	0	3	3	0	0	1	0	0	0	9
Science	25	16	10	9	6	143	73	3	1	2	288
Social Work	2	4	1	0	0	0	6	0	0	0	13
Other	0	0	0	0	0	0	0	0	0	0	0
Sub total	140	79	81	169	107	441	423	25	3	17	1,485
University of Winnipeg**											
Arts											
Science											
Education											
Other											
Sub Total	17	35	27	30	43	184	96	3	0	17	452
Brandon University											
Arts	0	2	2	1	2	11	12	0	0	0	30
Education	1	1	1	1	1	0	0	0	0	0	5
General Studies	0	0	0	0	0	0	1	0	0	0	1
Music	1	0	0	0	0	0	0	0	0	0	1
Science	0	0	1	0	7	4	10	0	0	0	22
Other	0	0	0	0	0	0	0	0	0	0	0
Sub total	2	3	4	2	10	15	23	0	0	0	59
Collège universitaire de Saint-Boniface											
Arts	1	0	0	3	2	0	0	0	0	0	6
Education	0	1	0	10	0	0	1	0	0	0	12
Science	0	0	0	1	2	0	0	0	0	0	3
Sub Total	1	1	0	14	4	0	1	0	0	0	21
TOTAL	**160**	**118**	**112**	**215**	**164**	**640**	**543**	**28**	**3**	**34**	**2,017**

* Includes students who are permanent residents and those on student visas.

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TABLE VIII

Origins of Full-Time Foreign Students* — **1989-90**

	U.S.A.	Other Americas	U.K. & Eire	Other Europe	Africa	Hong Kong	Other Asia	Middle East	Oceania	Other	Total
University of Manitoba											
Agriculture	1	2	1	17	13	9	8	0	0	0	51
Architecture	4	2	2	4	1	7	4	1	0	0	25
Art, School of	2	1	0	0	4	0	0	0	0	0	8
Arts	31	25	21	33	8	74	32	0	1	3	228
Dental Hygiene	0	0	0	0	0	0	0	0	0	0	0
Dentistry	1	0	1	1	0	1	0	1	0	1	6
Education	4	4	8	6	0	4	5	1	0	4	36
Engineering	3	11	4	18	11	58	48	6	0	1	160
Graduate Studies	34	19	14	60	84	62	280	17	4	1	575
Human Ecology	3	3	3	9	0	14	6	0	0	0	38
Law	2	0	2	0	0	0	0	0	0	0	4
Management	5	3	2	9	0	48	12	0	0	0	79
Medical Rehab.	2	0	1	1	0	0	0	0	0	0	4
Medicine	7	0	0	3	0	1	1	2	2	16	32
Music	0	0	0	1	0	1	1	0	0	0	3
Nursing	1	2	1	0	1	3	3	0	0	0	11
Pharmacy	2	0	0	1	1	1	7	0	0	0	12
Phys.Ed./Rec.St.	2	0	2	1	0	1	1	0	0	0	7
Science	15	16	8	13	6	136	63	3	1	1	262
Social Work	1	6	2	2	0	1	5	0	0	0	17
Other	1	0	1	0	0	0	0	0	0	0	2
Sub-Total	121	94	73	180	125	425	476	31	8	27	1,560
University of Winnipeg**											
Arts											
Science											
Education											
Other											
Sub-Total	9	27	9	28	42	185	92	4	1	27	424
Brandon University											
Arts	0	0	2	1	4	3	9	0	0	0	19
Education	0	0	2	5	5	0	0	0	0	2	14
General Studies	0	0	0	0	0	0	2	0	0	0	2
Music	0	0	0	0	0	0	1	0	0	0	1
Science	0	0	2	1	12	3	13	0	0	1	32
Sub-Total	0	0	6	7	21	6	25	0	0	3	68
Collège universitaire de Saint-Boniface											
Arts	0	0	1	2	2	0	0	0	0	0	5
Education	0	0	0	9	2	0	1	0	0	0	12
Science	0	0	0	0	1	0	1	0	0	0	2
Sub-Total	0	0	1	11	5	0	2	0	0	0	19
TOTAL	**130**	**121**	**89**	**226**	**193**	**616**	**595**	**35**	**9**	**57**	**2,071**

* Includes students who are permanent residents and those on student visas.

** Faculty breakdown unavailable.

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TABLE IX

Origins of Full-Time Visa Students 1988-

	U.S.A.	Other Americas	U.K. & Eire	Other Europe	Africa	Hong Kong	Other Asia	Middle East	Oceania	Other	Tot
University of Manitoba											
Agriculture	0	2	0	0	6	11	6	0	0	0	2
Architecture	0	1	0	1	0	6	2	0	0	0	1
Art, School of	0	0	0	1	0	3	0	0	0	0	
Arts	2	6	0	1	1	72	30	0	0	4	11
Dental Hygiene	0	0	0	0	0	0	0	0	0	0	
Dentistry	0	0	1	1	0	0	0	0	0	1	
Education	0	0	0	0	2	3	3	0	0	2	1
Engineering	0	3	0	3	2	61	27	0	0	0	9
Graduate Studies	15	15	6	23	58	45	196	9	1	1	36
Human Ecology	1	2	0	1	0	16	0	0	0	0	2
Law	0	0	0	0	0	0	0	0	0	0	
Management	0	0	0	4	0	33	7	0	0	0	4
Medical Rehab.	0	0	0	0	0	0	0	0	0	0	
Medicine	0	0	0	0	0	0	0	0	0	7	
Music	0	0	0	1	0	0	1	0	0	0	
Nursing	1	0	0	0	0	3	1	0	0	0	
Pharmacy	0	0	0	1	0	0	0	0	0	0	
Phys.Ed./Rec.St.	0	0	0	1	0	0	1	0	0	0	
Science	3	8	1	0	3	132	51	2	0	1	20
Social Work	1	1	0	0	0	0	1	0	0	0	
Other	0	0	0	0	0	0	0	0	0	0	
Sub total	23	38	8	38	72	385	326	11	1	16	91
University of Winnipeg*											
Arts											
Science											
Education											
Other											
Sub-Total	4	23	14	7	31	172	78	1	0	11	34
Brandon University											
Arts	0	0	2	1	1	10	12	0	0	0	2
Education	0	0	0	0	1	0	0	0	0	0	
General Studies	0	0	0	0	0	0	1	0	0	0	
Music	0	0	0	0	0	0	0	0	0	0	
Science	0	0	1	0	7	4	10	0	0	0	2
Other	0	0	0	0	0	0	0	0	0	0	
Sub total	0	0	3	1	9	14	23	0	0	0	5
Collège universitaire de Saint-Boniface											
Arts	0	0	0	1	1	0	0	0	0	0	
Education	0	0	0	4	0	0	0	0	0	0	
Science	0	0	0	0	2	0	0	0	0	0	
Sub Total	0	0	0	5	3	0	0	0	0	0	
TOTAL	27	61	25	51	115	571	427	12	1	27	1,31

* Faculty breakdown unavailable.

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TABLE X

Origins of Full-Time Visa Students — **1989-90**

	U.S.A.	Other Americas	U.K. & Eire	Other Europe	Africa	Hong Kong	Other Asia	Middle East	Oceania	Other	Total
University of Manitoba											
Agriculture	0	1	0	0	11	8	8	0	0	0	28
Architecture	0	1	0	1	1	7	3	0	0	0	13
Art, School of	0	0	0	1	0	3	0	0	0	0	4
Arts	3	10	0	4	3	70	22	0	0	3	115
Dental Hygiene	0	0	0	0	0	0	0	0	0	0	0
Dentistry	0	0	1	1	0	0	0	0	0	1	3
Education	1	1	0	0	0	2	4	0	0	4	12
Engineering	0	3	0	3	3	48	28	0	0	1	86
Graduate Studies	8	17	4	23	70	54	260	11	4	1	452
Human Ecology	1	3	0	1	0	12	4	0	0	0	21
Law	0	0	1	0	0	0	0	0	0	0	1
Management	0	2	0	4	0	37	10	0	0	0	53
Medical Rehab.	0	0	0	0	0	0	0	0	0	0	0
Medicine	4	0	0	2	0	0	0	2	2	16	26
Music	0	0	0	1	0	1	1	0	0	0	3
Nursing	0	1	0	0	0	3	2	0	0	0	6
Pharmacy	0	0	0	0	0	0	0	0	0	0	0
Phys.Ed./Rec.St.	0	0	0	1	0	1	1	0	0	0	3
Science	1	10	1	3	2	123	48	0	0	0	188
Social Work	0	1	0	0	0	1	0	0	0	0	2
Other	0	0	0	0	0	0	0	0	0	0	0
Sub-Total	18	50	7	45	90	370	391	13	6	26	1,016
University of Winnipeg*											
Arts											
Science											
Education											
Other											
Sub-Total	0	15	2	8	33	174	78	1	1	16	328
Brandon University											
Arts	0	0	1	1	3	3	9	0	0	0	17
Education	0	0	1	3	5	0	0	0	0	2	11
General Studies	0	0	0	0	0	0	1	0	0	0	1
Music	0	0	0	0	0	0	1	0	0	0	1
Science	0	0	2	1	11	3	12	0	0	1	30
Sub-Total	0	0	4	5	19	6	23	0	0	3	60
Collège universitaire de Saint-Boniface											
Arts	0	0	0	2	2	0	0	0	0	0	4
Education	0	0	0	3	0	0	1	0	0	0	4
Science	0	0	0	0	1	0	0	0	0	0	1
Sub-Total	0	0	0	5	3	0	1	0	0	0	9
TOTAL	**18**	**65**	**13**	**63**	**145**	**550**	**493**	**14**	**7**	**45**	**1,413**

* Faculty breakdown unavailable.

APPENDIX "C"

TABLE XI

Course/Section Size - Enrolments 1989-90[1]
(Does Not Include Tutorials and Laboratories)[2]

Faculty/ School/ Institute	Course/Section Size less than 10		Course/Section Size of 10 to 19		Course/Section Size of 20 to 49		Course/Section Size of 50 to 99		Course/Section Size of 100 or more		Total
	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	Crs./ Secns.
University of Manitoba											
Agriculture - Degree	33	33.3	28	28.3	31	31.3	2	2.0	5	5.1	99
- Diploma	8	28.6	6	21.4	7	25.0	7	25.0	0	0.0	28
Architecture	13	15.7	12	14.5	32	38.6	25	30.1	1	1.0	83
Art, School of	18	25.0	29	40.3	22	30.6	2	2.8	1	1.4	72
Arts	157	17.8	145	16.4	331	37.4	181	20.5	70	7.9	884
Dental Hygiene	0	0.0	0	0.0	16	100.0	0	0.0	0	0.0	16
Dentistry	1	1.7	1	1.7	57	96.6	0	0.0	0	0.0	59
Education	84	24.4	66	19.2	187	54.4	5	1.5	2	0.6	344
Engineering	25	14.7	33	19.4	54	31.8	45	26.5	13	7.6	170
Human Ecology	13	16.7	15	19.2	25	32.1	15	19.2	10	12.8	78
Law	6	7.4	24	29.6	45	55.6	6	7.4	0	0.0	81
Management	7	3.3	17	7.9	100	46.7	88	41.1	2	1.0	214
Medical Rehab.	0	0.0	0	0.0	31	96.9	1	3.1	0	0.0	32
Medicine[3]	2	40.0	1	20.0	2	40.0	0	0.0	0	0.0	5
Music	20	35.1	11	19.3	25	43.9	1	1.8	0	0.0	57
Nat. Res. Inst.	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1
Nursing	4	11.8	5	14.7	9	26.5	16	47.1	0	0.0	34
Pharmacy	1	4.8	0	0.0	17	81.0	3	14.3	0	0.0	21
Phys. Ed./Rec. St.	10	10.2	26	26.5	45	45.9	14	14.3	3	3.1	98
Science	105	23.2	75	16.6	81	17.9	88	19.4	104	23.0	453
Social Work	4	7.8	18	35.3	23	45.1	6	11.8	0	0.0	51
Univ. Total	511	17.7	512	17.8	1,141	39.6	505	17.5	211	7.3	2,880

1. This includes courses 090-699. Does not include Post-Graduate Medical Students (Formerly known as Interns and Residents).
2. Except where they count as credit.
3. Service course only.

Percentages may not total to 100.0 due to rounding.

APPENDIX "C"

TABLE XI

Course/Section Size - Enrolments 1989-90[1]
(Does Not Include Tutorials and Laboratories)[2]

Faculty/ School/ Institute	Course/Section Size less than 10		Course/Section Size of 10 to 19		Course/Section Size of 20 to 49		Course/Section Size of 50 to 99		Course/Section Size of 100 or more		Total
	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	Crs./ Secns.
University of Winnipeg											
Arts & Science	101	12.4	203	24.9	348	42.5	150	18.3	14	1.7	816
Education	20	25.3	21	26.6	34	43.0	4	5.1	0	0.0	79
Univ. Total	121	13.5	224	25.0	382	42.7	154	19.2	14	1.6	895
Brandon University											
Arts	100	36.4	69	25.1	78	28.4	26	9.5	2	0.7	275
Science	102	37.1	69	25.1	56	20.4	31	11.3	17	6.2	275
Education	29	15.2	50	26.2	97	50.8	14	7.3	1	0.5	191
Music	113	63.8	25	14.1	38	21.5	1	0.6	0	0.0	177
Univ. Total	344	37.5	213	23.2	269	29.3	72	7.8	20	2.2	918
Collège Universitaire de Saint-Boniface											
Arts	38	42.7	22	24.7	25	28.1	4	4.5	0	0.0	89
Science	17	44.7	11	28.9	10	26.3	0	0.0	0	0.0	38
Education	51	48.1	32	30.2	21	19.8	2	1.9	0	0.0	106
College Total	106	45.5	65	27.9	56	24.0	6	2.6	0	0.0	233
Grand Total - All Institutions	**1,082**	**22.0**	**1,014**	**20.6**	**1,848**	**37.5**	**737**	**15.0**	**245**	**5.0**	**4,926**

APPENDIX "D"

Statistics on Degrees Granted

APPENDIX "D"

TABLE II

Graduates by Faculty — **1989-90**

	Bachelors	Masters	Ph.D.	M.D./ D.D.M.	Certificate /Diploma	Total
University of Manitoba*						
Agriculture	92	44	10	-	53	199
Architecture	92	32	-	-	-	124
Art, School of	70	-	-	-	3	73
Arts	863	74	22	-	2	961
Dental Hygiene	-	-	-	-	27	27
Dentistry	3	3	-	29	1	36
Education	503	103	1	-	-	607
Engineering	182	50	9	-	-	241
Human Ecology	124	12	-	-	-	136
Law	75	1	-	-	-	76
Management	269	52	-	-	13	334
Medical Rehab.	58	-	-	-	-	58
Medicine	27	15	14	93	-	149
Music	30	-	-	-	-	30
Natural Resource Inst.	-	15	-	-	-	15
Nursing	109	12	-	-	-	121
Pharmacy	39	1	-	-	-	40
Physical Ed. /Rec. St.	94	4	-	-	-	98
Public Affairs	-	16	-	-	-	16
Science	409	50	14	-	-	473
Social Work	102	18	-	-	-	120
Other	3	3	-	-	-	6
Sub-Total	3,144	505	70	122	99	3,940
University of Winnipeg						
Arts	664	3	-	-	-	667
Science	169	-	-	-	-	169
Education	144	-	-	-	-	144
Public Affairs	-	3	-	-	-	3
Other	-	3	-	-	-	3
Sub-Total	977	9	-	-	-	986
Brandon University						
Arts	98	-	-	-	-	98
Education	173	-	-	-	2	175
General Studies	62	-	-	-	-	62
Music	18	4	-	-	-	22
Science	83	-	-	-	-	83
Sub-Total	434	4	-	-	2	440
TOTAL	4,555	518	70	122	101	5,366

* Includes Collège universitaire de Saint-Boniface.

APPENDIX "D"

TABLE I

Graduates by Faculty — **1988-89**

	Bachelors	Masters	Ph.D.	M.D./ D.D.M.	Certificate / Diploma	Total
University of Manitoba*						
Agriculture	103	39	12	-	71	225
Architecture	119	34	-	-	1	154
Art, School of	59	-	-	-	7	66
Arts	948	76	21	-	2	1,047
Dental Hygiene	-	-	-	-	24	24
Dentistry	5	2	-	29	1	37
Education	455	88	-	-	-	543
Engineering	207	47	14	-	-	268
Human Ecology	137	16	-	-	-	153
Law	79	-	-	-	-	79
Management	304	59	-	-	26	389
Medical Rehab.	52	-	-	-	-	52
Medicine	28	22	15	90	-	155
Music	29	-	-	-	-	29
Natural Resource Inst.	-	10	-	-	-	10
Nursing	102	7	-	-	-	109
Pharmacy	40	-	-	-	-	40
Physical Ed. /Rec. St.	104	4	-	-	-	108
Public Affairs	-	14	-	-	-	14
Science	447	59	21	-	-	527
Social Work	93	26	-	-	-	119
Other	-	3	4	-	-	7
Sub-Total	3,311	506	87	119	132	4,155
University of Winnipeg						
Arts	671	-	-	-	-	671
Science	130	-	-	-	-	130
Education	168	-	-	-	-	168
Public Affairs	-	2	-	-	-	2
Other	10	-	-	-	-	10
Sub-Total	979	2	-	-	-	981
Brandon University						
Arts	124	-	-	-	-	124
Education	138	-	-	-	-	138
General Studies	73	-	-	-	-	73
Music	24	4	-	-	-	28
Science	112	-	-	-	-	112
Sub-Total	471	4	-	-	-	475
TOTAL	4,761	512	87	119	132	5,611

* Includes Collège universitaire de Saint-Boniface.

APPENDIX "E"

Operating and Capital Grant

Expenditures for Fiscal Year 1989-90

APPENDIX "E"

UNIVERSITIES GRANTS COMMISSION

PROVINCE OF MANITOBA

1989/90 Expenditures (Compared to 1988/89)

	1989/90	1988/89
1. SUPPORT PROGRAMS		
(a) Inter-Universities North	$ 485,000	$ 469,537
(b) Computer Service Network	402,489	377,698
(c) Chair in Women's Studies	66,000	66,000
	$ 953,489	$ 913,235
2. OPERATING FUNDS		
First Claims		
University of Manitoba	$ 1,316,568	$ 1,317,030
University of Winnipeg	40,054	40,054
Brandon University	216,600	216,600
C.U.S.B.	0	0
	$ 1,573,222	$ 1,573,684
Operating		
University of Manitoba	$145,939,295	$139,153,561
University of Winnipeg	20,004,946	19,039,864
Brandon University	12,963,918	12,298,307
C.U.S.B	3,693,219	3,426,188
	$182,601,378	$173,917,920
Pay Equity		
University of Manitoba	$ 1,240,000	$ 625,000
University of Winnipeg	150,000	73,745
Brandon University	155,000	80,000
C.U.S.B.	26,000	13,000
	$ 1,571,000	$ 791,745
Program Reserve		
New Programs	$ 290,000	$ 100,000
	$ 290,000	$ 100,000

APPENDIX "E"

UNIVERSITIES GRANTS COMMISSION

PROVINCE OF MANITOBA

1989/90 Expenditures (Compared to 1988/89)

	1989/90	1988/89
2. OPERATING FUNDS - CONTINUED		
Total		
University of Manitoba	$148,495,863	$141,095,591
University of Winnipeg	20,195,000	19,153,663
Brandon University	13,335,518	12,594,907
C.U.S.B.	3,719,219	3,439,188
Reserve	290,000	100,000
	$186,035,600	$176,383,349
Total Support Programs & Operating Funds	$186,989,089	$177,296,584
3. ACCESS FUNDS		
University of Manitoba	$ 149,032	$ 270,000
University of Winnipeg	164,310	185,000
Brandon University	0	35,000
C.U.S.B.	90,250	35,000
U.G.C. - Visually Impaired	42,517	49,308
I.U.N.	50,000	0
F.Y.D.E.	200,000	0
	$ 696,109	$ 574,308
4. CAPITAL FUNDS		
Equipment and Renovations		
University of Manitoba	$ 3,900,000	$ 3,020,000
University of Winnipeg	620,000	550,000
Brandon University	370,000	330,000
C.U.S.B.	110,000	100,000
	$ 5,000,000	$ 4,000,000
Universities Development Fund		
University of Manitoba	$ 2,000,000	$ 1,800,000
University of Winnipeg	700,000	500,000
Brandon University	1,200,000	200,000
C.U.S.B.	100,000	50,000
	$ 4,000,000	$ 2,550,000

APPENDIX "E"

UNIVERSITIES GRANTS COMMISSION

PROVINCE OF MANITOBA

1989/90 Expenditures (Compared to 1988/89)

	1989/90	1988/89
4. CAPITAL FUNDS - CONTINUED		
Major Capital Projects		
University of Manitoba	$ 500,000	$ 0
University of Winnipeg	0	0
Brandon University	0	0
C.U.S.B.	0	450,000
	$ 500,000	$ 450,000
Total		
University of Manitoba	$ 6,400,000	$ 4,820,000
University of Winnpeg	1,320,000	1,050,000
Brandon University	1,570,000	530,000
C.U.S.B.	210,000	600,000
	$ 9,500,000	$ 7,000,000

5. PRIOR YEAR'S FIGURES

Certain prior year's figures have been restated to conform to the current year's financial statement presentation.

APPENDIX "F"

Allocation of Operating and Capital

Grants for Fiscal Year 1990-91

APPENDIX "F"

UNIVERSITIES GRANTS COMMISSION

PROVINCE OF MANITOBA

1990/91 Allocations (Compared to 1989/90)

	1990/91	1989/90
1. SUPPORT PROGRAMS		
(a) Inter-Universities North	$ 504,400	$ 485,000
(b) Computer Service Network	408,720	393,000
(c) Chair in Women's Studies	66,000	66,000
(d) F.Y.D.E.	287,676	0
(e) Social Work	60,000	0
(f) Audio/Visual Link	90,000	0
	$ 1,416,796	$ 944,000
2. OPERATING FUNDS		
First Claims		
University of Manitoba	$ 1,565,974	$ 1,316,568
University of Winnipeg	40,054	40,054
Brandon University	216,600	216,600
C.U.S.B.	0	0
	$ 1,822,628	$ 1,573,222
Operating		
University of Manitoba	$151,629,724	$145,639,295
University of Winnipeg	20,812,746	20,004,946
Brandon University	13,497,339	12,963,918
C.U.S.B.	3,841,988	3,693,219
	$189,781,797	$182,301,378
Pay Equity		
University of Manitoba	$ 1,240,000	$ 1,240,000
University of Winnipeg	150,000	150,000
Brandon University	155,000	155,000
C.U.S.B.	26,000	26,000
	$ 1,571,000	$ 1,571,000
Targeted Funding		
Graduate Fellowships	0	$ 200,000
Physical Therapy	0	100,000
	$ 0	$ 300,000

APPENDIX "F"

UNIVERSITIES GRANTS COMMISSION

PROVINCE OF MANITOBA

1990/91 Allocations (Compared to 1989/90)

	1990/91	1989/90
2. OPERATING FUNDS - CONTINUED		
Total		
University of Manitoba	$154,435,698	$148,495,863
University of Winnipeg	21,002,800	20,195,000
Brandon University	13,868,939	13,335,518
C.U.S.B.	3,867,988	3,719,219
	$193,175,425	$185,745,600
Total Support Programs & Operating Funds	$194,592,221	$186,689,600
3. ACCESS FUND		
University of Manitoba	$ 290,000	$ 149,032
University of Winnipeg	165,000	164,500
Brandon University	135,000	0
C.U.S.B.	40,000	90,250
U.G.C. Visually Impaired	0	92,517
I.U.N.	0	50,000
Equipment	0	35,250
F.Y.D.E.	160,000	200,000
	$ 790,000	$ 781,549
4. CAPITAL FUNDS		
Equipment and Renovations		
University of Manitoba	$ 3,328,260	$ 3,900,000
University of Winnipeg	529,108	620,000
Brandon University	315,738	370,000
C.U.S.B.	93,874	110,000
	$ 4,266,980	$ 5,000,000
Universities Development Fund		
University of Manitoba	$ 2,650,000	$ 2,000,000
University of Winnipeg	1,000,000	700,000
Brandon University	100,000	1,200,000
C.U.S.B.	250,000	100,000
	$ 4,000,000	$ 4,000,000

APPENDIX "F"

UNIVERSITIES GRANTS COMMISSION

PROVINCE OF MANITOBA

1990/91 Allocations (Compared to 1989/90)

	1990/91	1989/90
4. CAPITAL FUNDS - CONTINUED		
Major Capital Projects		
University of Manitoba	$ 1,000,000	$ 500,000
Brandon University	1,400,000	0
C.U.S.B.	333,000	0
	$ 2,733,000	$ 500,000
Total		
University of Manitoba	$ 6,978,260	$ 6,400,000
University of Winnipeg	2,529,108	1,320,000
Brandon Univerity	815,738	1,570,000
C.U.S.B.	676,874	210,000
	$ 10,999,980	$ 9,500,000

5. PRIOR YEAR'S FIGURES

Certain prior year's figures have been restated to conform to the current year's financial statement presentation.

APPENDIX "G"

Audited Balance Sheet and Audited Statement

of Operating Revenues and Expenditures of

the Universities Grants Commission

as of March 31, 1990

Manitoba

THE UNIVERSITIES GRANTS COMMISSION

REPORT OF THE PROVINCIAL AUDITOR'S OFFICE

We have examined the financial statements, being Exhibits A and B and Schedule 1, of The Universities Grants Commission for the fiscal year ended March 31, 1990. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

Note 1 reflects the Commission's unfunded pension liability as at December 31, 1989 was $363,946 (1988 - $317,370). Had this unfunded pension liability and the associated pension costs been recorded in the financial statements, the Commission's liabilities would have increased by $363,946 (1989 - $317,370), The Universities Grants Fund would have decreased by that amount, and the Commission's pension costs would have increased by $46,576 for the year ended March 31, 1990 (1989 - $41,932).

In our opinion, except for the failure to record the information referred to in the preceding paragraph, these financial statements present fairly the financial position of the Commission as at March 31, 1990 and the results of its operations for the year then ended in accordance with the accounting policies as disclosed in note 1 applied on a basis consistent with that of the preceding year.

F. H. Jackson, CA
Provincial Auditor

August 23, 1990
Winnipeg Manitoba

EXHIBIT A

THE UNIVERSITIES GRANTS COMMISSION

Balance Sheet
as at March 31, 1990
(with 1989 figures for comparison)

	1990	1989
ASSETS		
Cash on hand and in bank	$ 462,070	$ 317,027
Grants receivable from the Government of the Province of Manitoba	14,182	281,697
Amount recoverable from the Government of the Province of Manitoba	0	24,763
	$ 476,252	$ 623,487
LIABILITIES		
Accounts payable:		
New Program Funding	$ 295,000	$ 100,000
Grants	54,432	376,104
Other	1,294	7,417
Funds held on behalf of The Canadian International Development Agency	1,441	8,674
	$ 352,167	$ 492,195
The Universities Grants Fund (Note 1):		
Balance, beginning of year	$ 131,292	$ 112,137
Revenues (under) over expenditures, Exhibit B	(7,207)	19,155
Balance, end of year	$ 124,085	$ 131,292
	$ 476,252	$ 623,487

EXHIBIT B

THE UNIVERSITIES GRANTS COMMISSION

Statement of Operating Revenues and Expenditures
for the year ended March 31, 1990
(with 1989 figures for comparison)

	1990	1989
Revenues:		
Government of the Province of Manitoba grants:		
Revenue appropriation:		
Department of Education	$ 197,285,157	$ 184,953,015
Department of Highways and Transportation	240,000	240,000
	197,525,157	185,193,015
Interest Income	34,657	32,890
Total revenues	197,559,814	185,225,905
Expenditures:		
Operating grants (Notes 1 and 3)	185,745,600	176,283,349
Major capital project grants (Notes 1 and 4)	500,000	450,000
Universities Development Fund (Notes 1 and 5)	4,000,000	2,550,000
Renovations and Equipment (Notes 1 and 7)	5,000,000	4,000,000
Access Fund (Notes 1 and 6)	696,109	574,308
Administrative and other, Schedule 1	381,823	335,858
	196,323,532	184,193,515
Support programs:		
Computer network	600,000	464,750
Less: Recoveries from the Department of Education	197,511	87,052
	402,489	377,698
Inter-Universities program in Northern Manitoba	485,000	469,537
Chair in Women's Studies	66,000	66,000
New program funding (Notes 1 and 2)	290,000	100,000
	1,243,489	1,013,235
Total expenditures	197,567,021	185,206,750
Revenues (under) over expenditures, Exhibit A	$ (7,207)	$ 19,155

SCHEDULE 1

THE UNIVERSITIES GRANTS COMMISSION

Schedule of Administrative and Other Expenditures
for the year ended March 31, 1990
(with 1989 figures for comparison)

	1990	1989
Automobile and travelling	$ 11,242	$ 5,082
Course and membership fees	8,018	6,664
Furniture and equipment	18,038	7,359
Office rental	33,178	32,835
Postage and telephone	5,316	6,444
Printing and stationery supplies	3,473	5,140
Professional fees	23,550	21,575
Remuneration of Commission members	21,972	20,206
Salaries and employee benefits	251,137	225,856
Subscriptions	1,905	1,560
Sundry	3,994	3,137
Total administrative and other expenditures, Exhibit B	$ 381,823	$ 335,858

Notes to Financial Statements
for the year ended March 31, 1990

1. Accounting Policies

The Universities Grants Commission's annual financial statements are prepared using the accrual basis of accounting except for interest on cash balances, expenditures on leasehold improvements and equipment purchases, and pension payments. Interest on cash balances is taken into account in the year that it is received. Leasehold improvements and equipment purchases are charged to expenditures in the year of acquisition. Pension payments are charged to expenditures as the payments are made under the provisions of The Manitoba Civil Service Superannuation Act.

Operating and capital grants to the Universities reflect expenditures to the Universities for their annual operations and approved capital projects. Annual operating grants are paid on a scheduled basis to meet the Universities' operating requirements; capital grants are paid after expenditures have been incurred and claimed.

The Universities Development Fund and the Access Fund were established by the Government of the Province of Manitoba to provide additional assistance to the Universities. These grants to the Universities reflect expenditures to the Universities for specifically approved projects.

In accordance with the provisions of The Manitoba Civil Service Superannuation Act, the Commission contributes 50% of the pension payments made to retired employees. A provision is not made in the accounts to fund current or past service obligations of the Commission to The Civil Service Superannuation Fund. On the basis of an actuarial report, the unfunded liability for the Commission's employees amounted to $363,946 as at December 31, 1989 (1988 - $317,370).

2. New Program Funding

This funding is intended to provide assistance to the Universities in implementing approved new programs.

3. Operating Grants

	1990	1989
The University of Manitoba	$ 148,495,863	$ 141,095,591
The University of Winnipeg	20,195,000	19,153,663
Brandon University	13,335,518	12,594,907
St.Boniface College	3,719,219	3,439,188
	$ 185,745,600	$176,283,349

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Notes to Financial Statements
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4. Major Capital Project Grants

	1990	1989
The University of Manitoba	$ 500,000	$ 0
St. Boniface College	0	450,000
Total	$ 500,000	$ 450,000

5. Universities Development Fund Grants

The University of Manitoba	$ 2,000,000	$ 1,800,000
The University of Winnipeg	700,000	500,000
Brandon University	1,200,000	200,000
St. Boniface College	100,000	50,000
Total	$ 4,000,000	$ 2,550,000

6. Access Fund Grants

Inter-Universities North & First Year Distance Education	$ 250,000	$ 0
The University of Manitoba	149,032	270,000
The University of Winnipeg	164,310	185,000
Brandon University	0	35,000
St. Boniface College	90,250	35,000
Canadian National Institute for the Blind	42,517	49,308
Total	$ 696,109	$ 574,308

7. Renovations & Equipment

The University of Manitoba	$ 3,900,000	$ 3,020,000
The University of Winnipeg	620,000	550,000
Brandon University	370,000	330,000
St. Boniface College	110,000	100,000
Total	$ 5,000,000	$ 4,000,000

THE UNIVERSITIES GRANTS COMMISSION

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8. Prior Year's Figures

Certain prior year's figures have been restated to conform to the current year's financial statement presentation.